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SILVER LACE VINE



Over
40 Years
Satisfaction

***Beautify Your Home* with these FLOWERING SHRUBS**

There is no other improvement you can make on your home and its surroundings that would give such striking results so quickly and so economically as by planting shrubs, trees and plants. Plant good, hardy stock, and this is what we are offering. For description and prices see pages 9, 21, 22 and 23.



RED-LEAVED BARBERRY



BUDDLEIA



HONEYSUCKLE



SNOWBERRY



SPIREA FROEBELI



HYDRANGEA

SPRINGFIELD SEED CO. SPRINGFIELD MISSOURI

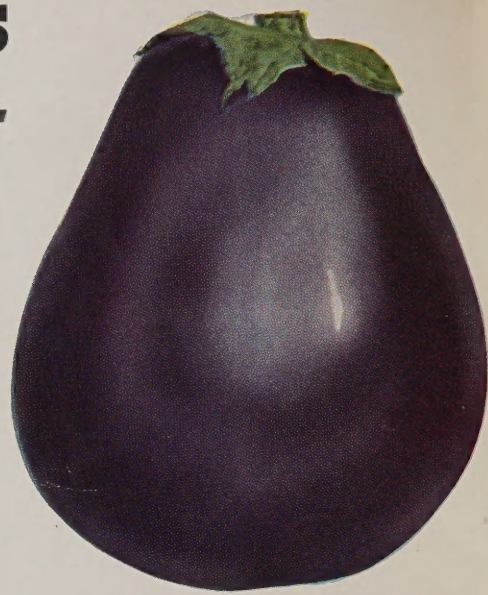
Missouri Permit No. 1

SELECTED VARIETIES for your home garden...



CARROTS

NEW BUNCHING—Tops short, roots are $1\frac{1}{4}$ to $1\frac{1}{2}$ by 8 inches in size, almost cylindrical, rounded shoulders; and are well stumped. Developed for market gardeners as a bunching Carrot. Good shipper. Pkt., 5c; oz., 10c.



EGGPLANT
BLACK BEAUTY



CUCUMBER

SNOW'S PERFECTED
52 days. Best formed and productive pickling sort.



PENCIL POD BLACK WAX
(Stringless)

BEAN

**PENCIL POD
BLACK WAX**

(55 days.) The leading wax variety for home and market gardens. Pods round, slightly curved, fleshy, golden yellow, tender, entirely stringless, brittle and without fibre.

RADISH

**VICK'S
SCARLET GLOBE**
22 days. It is one of the very earliest. Pkt., 5c.



VICK'S SCARLET GLOBE

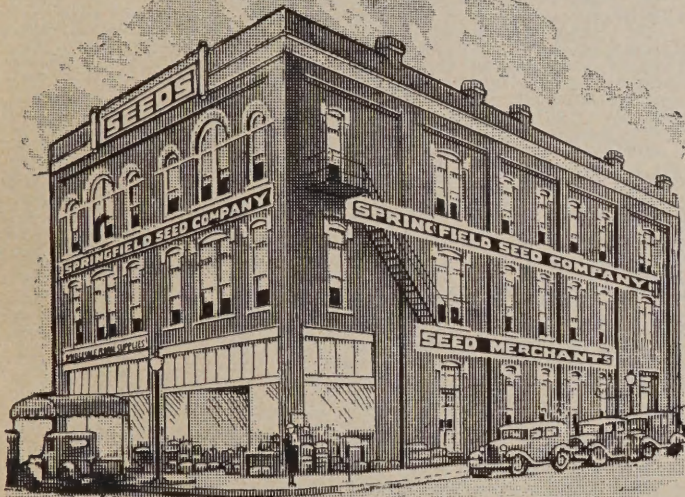
**FEED WITH
VIGORO**
COMPLETE PLANT FOOD

REFINING PLANT AND OFFICE

MAIN PLANT
AND OFFICE
315 - 17 - 19 N.
MAIN.



This Modern Plant has been especially planned and built with only one thing in mind—the economical receiving, refining, packing and shipping of Star Brand Seeds. In this Modern Plant are also our office and up-to-date Seed Laboratory where each lot of seed is tested for Purity and Germination.



STORE AND FLORAL DEPT.
Corner Campbell and Walnut Streets

STORE AND FLORAL DEPARTMENT

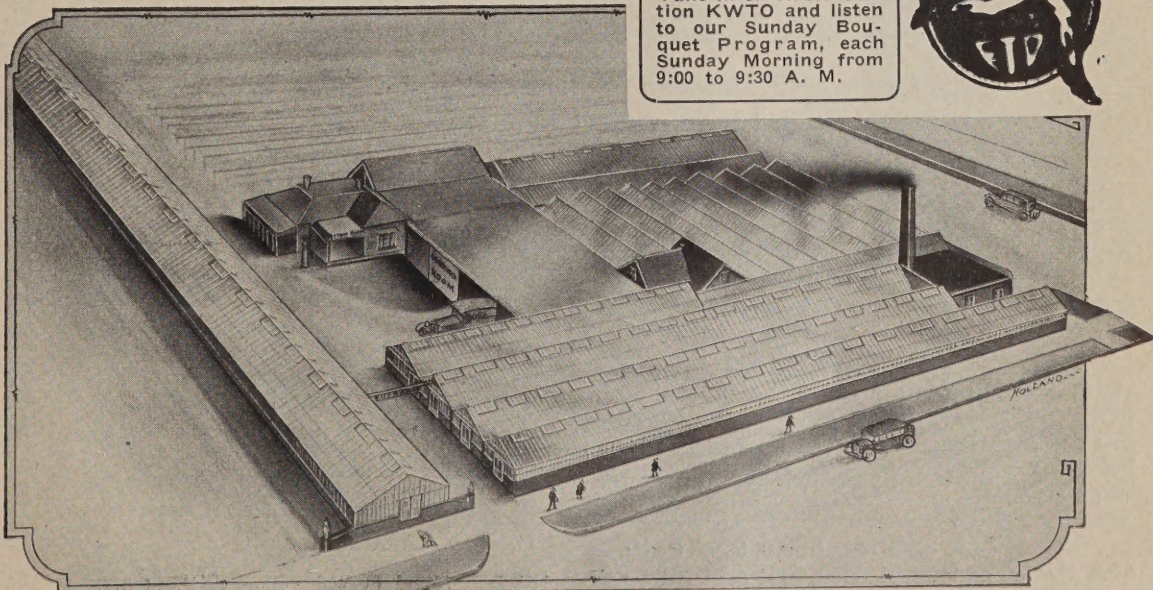
Your order from this Catalog will receive our careful attention and be immediately sent to you.

Our Floral Department can serve you in Springfield or any place in the world through the Floral Telegraph Delivery Service.

GREEN HOUSES

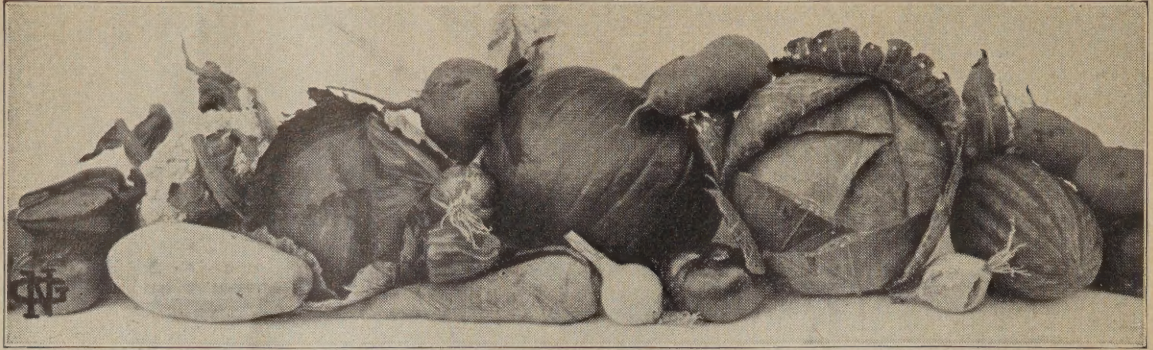
Where hundreds of soil tests are made to check the dependability of Star Brand Seeds — before shipment is made of your order.

Order Star Brand Seeds and be sure.



Tune in on Radio Station KWTO and listen to our Sunday Bouquet Program, each Sunday Morning from 9:00 to 9:30 A. M.





MAKE YOUR GARDEN WORK THE YEAR AROUND

For Best Results Plant STAR BRAND SEED

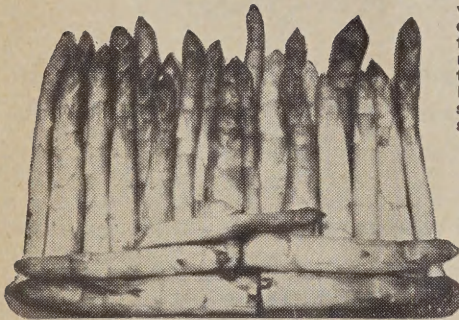
Many people think that seeds cannot be planted any other time than in April and May. This is far from true. The wide-awake gardener begins sowing as early in the spring as possible and sows succession crops throughout the summer and until late in the fall. Succession crops are most important, since they provide fresh vegetables for fall and winter use. A cellar full of stored vegetables is a good investment. Grow all the vegetables your garden can produce. Eat them fresh, evaporate them, can them, store them, and be independent of high food prices.

ASPARAGUS

Pkt.	Oz.	1/4 Lb.
5c	15c	30c

CULTURE—Asparagus, which is one of our earliest spring vegetables, is also one of the most widely appreciated and extensively cultivated. Can be grown in any soil which is not too wet. Seed should be sown in March or April, in rows 14 inches apart, and lightly covered with a layer of soil 1/2 to 3/4 inches deep. When the seed is up they should be thinned out.

Prepare permanent bed by digging a trench 18 inches wide and 20 inches deep. Fill one-third full with well rotted manure and tramp it down. Half fill remaining space with good soil, and set the root clumps of the Asparagus, one foot apart. Cover roots to surface with good soil. The stalks should not be cut until a year after planting and then but lightly. Full harvest may be taken after this.



Martha Washington

WASHINGTON. A vigorous growing and very productive variety which has been bred to resist the disease known as "Asparagus Rust." The shoots are thick and heavy. They are long and straight, with closely folded tips. The color is rich dark green, tinted darker at the tips.

PALMETTO. Of very large size, even and regular in growth and appearance. A very early sort immensely productive and of the best quality.

ASPARAGUS ROOTS

1 year old. We can furnish Washington roots at 25c per dozen; \$1.25 per 100.

BRUSSELS SPROUTS

One of the most delicious garden vegetables. Plant in 3-foot rows, 1 1/2 to 2 feet apart. One ounce will produce about 200 plants. Cultivate same as cabbage. Autumn grown sprouts, drilled in May and transplanted in July, generally do the best, as the plants are quite hardy and the buds mellow under frost.

DWARF IMPROVED. A variety producing compact sprouts of excellent quality. Pkt., 5c; oz., 25c.

BROCCOLI

ITALIAN GREEN SPROUTING. A distinct variety for the home garden. Plant forms a central head, fairly compact cluster of flower buds resembling cauliflower except that it is green in color. Center head can be cut about sixty days after planting and smaller heads on side branches throughout the summer. Delicious and healthful. Pkt., 5c; 1/2 oz., 25c; 1 oz., 40c; 1 lb., \$3.50.



GREEN PODDED BUSH BEANS

Pkt.	Lb.	5 Lbs.
10c	25c	\$1.10

CULTURE—Beans are sensitive to both cold and wet, so do not plant till the ground is warm. To have a continuous supply plant every two weeks from the time the ground gets warm till the middle of August; further south they may be planted even later. Make the rows 2 and 3 feet apart, drop the beans 3 inches apart and cover 1/2 to 2 inches deep. Give frequent but shallow cultivation up to blooming time, not afterward, and never when the plants are wet. Plant in a light loamy soil that warms up quickly. One pound plants 60 feet; 100 pounds will plant an acre.

LANDRETH'S STRINGLESS. 53 Days. 6 in., slightly curved, round, dark green fleshy pods, stringless, seeds brown.

BOUNTIFUL. Six Weeks. 50 Days. 5-in. straight broad flat light green pod, stringless.

BURPEE'S STRINGLESS. 55 Days. 5-in. curved round green fleshy pod, stringless.

FULL MEASURE. 54 Days. 6-in. fairly straight dark green round pod, stringless.

GIANT STRINGLESS. 54 Days. 6-in. round fairly straight light green pod, stringless.

RED VALENTINE. 54 Days. 6-in. fairly straight green pod, strings.

TENNESSEE GREEN POD. 52 Days. 8-in. flat very broad dark green pod, strings.

TENDERGREEN. 54 days. The pods are long, light green in color, round and absolutely stringless. Yields a heavy crop of early beans.

BUSH KENTUCKY WONDER. New bush form of Kentucky Wonder with same flavor as the pole bean. Big, long stringless green pods; a heavy bearer. Be sure to try this bean. Pkt., 15c; lb., 35c.

BEANS—BUSH LIMA

BURPEE'S. 77 Days. Strong vigorous pods, beans medium size.

FORDHOOKS. 75 Days. Erect heavy producing vine. Pods 4 to 4 1/2 inches long.

HENDERSON. 65 Days. Medium height, compact vine. 3-in. pod, small seeded.

SPECKLED. 65 Days. Very prolific and hardy. Plant resembles Henderson's.

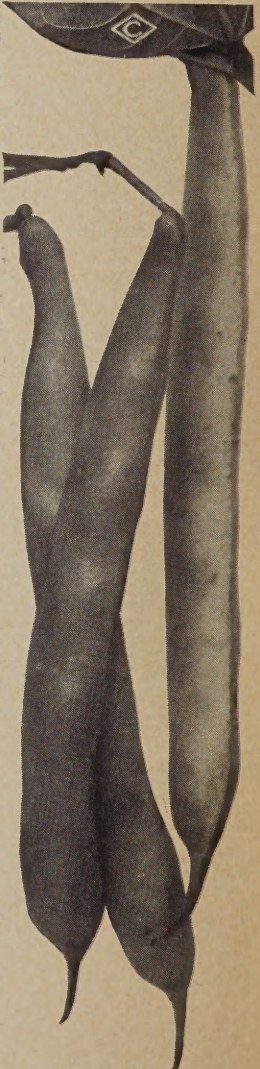
WAX BUSH BEANS

GERMAN BLACK WAX. 54 days. 6-in. Flat straight yellow pods, strings.

GOLDEN WAX. 48 days. 4 1/2-in. thick creamy pods, stringless.

KENTUCKY WONDER WAX (Pole). 68 days. 8-in. large thick creamy pods, stringless.

PENCIL POD WAX. 58 days. 6 1/2-in. round curved yellow pods, stringless.



ALL GARDEN SEED POSTPAID.

SEE PAGE 14 FOR COMPLETE GARDEN SEED LIST.

BEANS—POLE LIMA

KING OF THE GARDEN. 88 Days. Strong growing and large podded, 4 to 5 beans.

LARGE WHITE. 88 Days. An old standard sort. Vigorous, productive, 3 to 4 seeds.

SIEVA (Carolina). 77 Days. Early, hardy, productive and a continuous bearer. Very popular.

SPECKLED. 90 Days. A small seeded dependable prolific variety, popular.

GIANT PODDED SPECKLED. 90 Days. The largest podded Lima we know of. Pods measuring 7 inches long by 1½ inches broad. Try a packet of these.



BEANS—POLE or RUNNING

Pkt.	Lb.	5 Lbs.
10c	25c	\$1.10

KENTUCKY WONDER. 70 Days. 9-in. round curved pod, strings.

KENTUCKY WONDER (White). 70 Days. 7-in. round brittle pods, stringless.

KENTUCKY CUT SHORT. 72 Days. 4-in. straight flat pods, strings.

DUTCH CASE KNIFE. 65 Days. 8-in. straight flat pods, strings.

LAZY WIFE. 75 Days. 6-in. straight fleshy pods, stringless.

MISSOURI WONDER. 66 Days. 5-in. flat curved pods, productive, strings.

STRIPED CREASEBACK. 70 Days. 6½-in. straight round pods, strings.

WHITE CREASEBACK. 65 Days. 5½-in. round curved pods, nearly stringless.

ALL GARDEN SEED POSTPAID.
SEE PAGE 14 FOR COMPLETE
GARDEN SEED LIST.

BEETS FOR THE TABLE

Pkt.	Oz.	¼ lb.
5c	10c	25c

FEED WITH
VIGORO
COMPLETE PLANT FOOD

CULTURE—Beets are sown where crop is to grow, in open ground, as soon as spring frosts are over, 1-inch deep in drills 12 to 15 inches apart, for convenience in hoeing; and young plants are thinned out, with a greater or less space between them, usually about 4 inches, according to size of variety grown. The thinnings from crop make excellent greens. They thrive in well enriched, moist soil, with plenty of sunshine. Growth will be greatly stimulated with a slight application of Nitrate of Soda.

50-55 DAYS

EARLY WONDER. Roots uniform, nearly globe shaped, with small top, skin dark red, flesh deep blood red. Popular with market gardeners for early or late planting.

DETROIT DARK RED. One of the very best sorts for home or market garden and for canning purposes. Roots uniformly smooth, of medium size, and globe shaped; skin dark red, flesh solid vermilion red.

EARLY BLOOD TURNIP, IMPROVED. The old standard table beet; roots nearly round or slightly flattened, bright red, zoned and of good quality. Not so early as Detroit, and with a larger, coarser top.

CROSBY'S EGYPTIAN. Splendid home and market garden sort. Tops medium in size; collar small. Root flattened globe-shaped, with small tap root; very dark purplish-red. Flesh deep purplish-red zoned with a lighter shade; crisp and tender.

EDMAND'S BLOOD TURNIP. A second early sort, with short tops; roots nearly round, dark red; flesh purplish red with little zoning; a good keeper.

SWISS CHARD, LUCULLUS. An improved type of Chard. Of more upright growth than the Silver variety; leaves yellowish-green, fairly crumpled, mid-rib and veins white; stalks thick, broad and flat and as large as rhubarb.



Dark Red
Detroit

MANGEL WURZEL and SUGAR BEETS

Pkt.	Oz.	¼ lb.
5c	10c	25c

Sugar Beets and Mangels are of great value for stock feeding, because of the improved health and condition of the animals, increased flow and quality of milk, and because of the saving in fodder. The yield is enormous, and the cost of growing is trifling. Grow a patch of them for winter feed. They are also excellent for poultry.

LONG RED MAMMOTH (Norbiton Giant). Attains enormous size; producing thirty to fifty tons to the acre. Root nearly cylindrical in shape, light red, growing well above ground; flesh white and rose colored.

GOLDEN TANKARD. Roots large, nearly cylindrical in shape, narrowing abruptly at both ends; skin deep orange-yellow; flesh zoned yellow and white; sweet and productive.

VILMORIN'S IMPROVED SUGAR. An improvement on the White French Sugar; used extensively for making beet sugar.



SPECIAL OFFER

**\$1.00 Purchase of
Packets Vegetable**

and Flower seeds—only
—your selection and 1
pound Star Brand Coffee for \$1.00 postpaid.

BEETS ALL WINTER

Late sown Beets may readily be kept for winter use, if packed in a slightly moist soil or sand in a cool cellar. We recommend Detroit Dark Red for this purpose.

CARROTS

Pkt.	Oz.	¼ lb.
5c	10c	35c

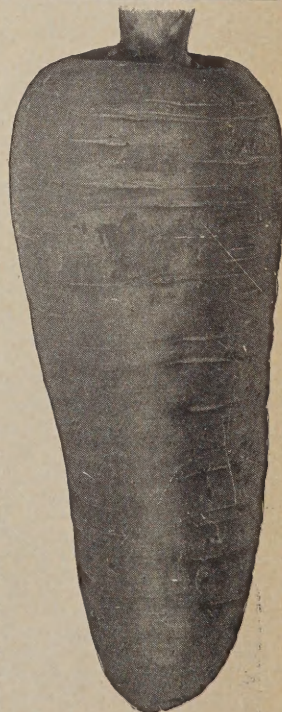
CULTURE—Plant seed one-half inch deep in loose, well prepared soil, in rows 16 inches apart. Thin 2 to 4 inches in row. Plant from early spring to mid-June.

DANVER'S HALF LONG. 75 Days. The best known second early, half-long sort; roots 6 to 8 inches long, tapering to a blunt point; flesh deep orange, tender and good quality.

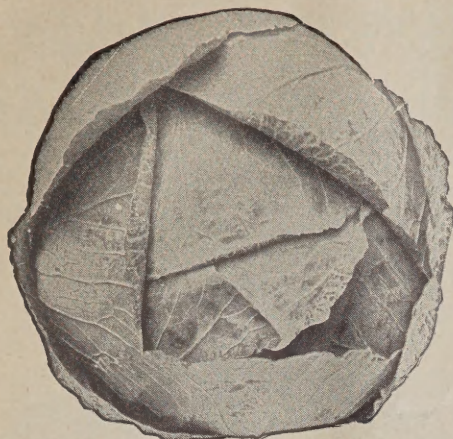
CHANTENAY HALF LONG (The Model). 72 Days. Excellent medium early half-long stump rooted variety; roots about 6 inches long, very thick, smooth and of a deep orange-red color.

IMPROVED LONG ORANGE. 88 Days. An excellent intermediate season, standard sort; roots 12 inches long, about 3 inches broad at the crown, tapering regularly to a point; deep orange color.

NEW BUNCHING. Tops short, roots are 1¼ to 1½ by 8 inches in size, almost cylindrical, rounded shoulders, and are well stumped. Developed for market gardeners as a bunching carrot. Good shipper.



Chantenay Carrot



Golden Acre

CAULIFLOWER

FINE DANISH GROWN STOCK

(1 oz. of seed will produce 3,000 plants)
Pkt., 25c

CULTURE—The Cauliflower requires cool, moist weather for its development; it will not head in hot weather. Sow in hotbed very early during January or February. Transplant into deep, rich, moist, well worked soil as soon as frost ceases, one foot apart in rows two feet apart. Cultivate very frequently. They should be kept growing rapidly. When the flower begins to form draw the leaves over and pin or tie them together to protect the heads from the sun. For autumn use sow in June.

EARLY SNOWBALL. The best variety for general use. Of dwarf habit, and produces fine, large, white heads in a very short time. Always tender and sweet.

DANISH DRY WEATHER. A new strain developed in Denmark to stand hot, dry weather. It matures later than the Snowball, producing large, solid, pure white heads of excellent quality.

CHINESE CELERY or CABBAGE

Pe Tsai—Chihli

CULTURE—About 65 days. Sow last half of July or first of August for best results in this section. When matured this plant resembles cos lettuce more than cabbage. Used in salads or may be cooked like cabbage or asparagus. Plants should be banded as they grow, or the leaves tied up over the center to produce celery-like form.

CHINESE CABBAGE (Wong Bok). 80 days. The heads of this variety are shorter and broader than Pe Tsai, the incurving leaves producing a tighter, more compact head.

COLLARDS

Pkt., 5c; ¼ lb., 30c.

Plant two to three feet high, forming a cluster of tender leaves at the top of its rather long stem.



SPECIAL OFFER

\$1.00 purchase of packets Vegetable and Flower Seeds—only—your selection and 1 pound Star Brand Coffee for \$1.00 postpaid.

CABBAGE

Pkt.	Oz.	¼ lb.
10c	20c	50c

CULTURE—One ounce will produce about 2,000 plants; 10,890 plants will plant an acre of early cabbage; and 7,260 plants for an acre of late. Three ounces of seed will plant an acre of early and five ounces an acre of late cabbage. For early cabbage, sow seed in hotbeds in January or February. Transplant as early as possible to the open ground about two feet apart each way. For late cabbage, sow seed in the open ground in May and transplant about July 1 in rows 2½ feet each way.

GOLDEN ACRE. 66 Days. The earliest of the round headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact; heads of medium size, round as a ball, hard, solid and very uniform.

COPENHAGEN MARKET. 70 Days. Very fine, nearly as early as Jersey Wakefield; stem short, heads large, round and solid, with few outer leaves of an upright growth.

ALL SEASONS. 85 Days. Heads large, round and very deep; can be planted for early or late crop; a splendid keeper; in season a late second early, coming in with Early Flat Dutch; a favorite with kraut manufacturers.

EARLY JERSEY WAKEFIELD. 65 Days. The most widely known and popular extra early variety; heads are broad cone shaped and very solid. Our stock is very dwarf, compact and extremely early.

CHARLESTON LARGE WAKEFIELD. 75 Days. About one week later than Early Jersey Wakefield, but the conical heads are fully one-half larger.

LATE FLAT DUTCH. 95 Days. A justly popular and esteemed variety; extensively cultivated for market and family use. Heads large, round, flattened and very firm; has a medium stem and is very hardy.

EARLY FLAT DUTCH. 70 Days. Earlier and heads somewhat smaller than Late Flat Dutch; a good short stemmed second early.

RED ROCK. 110 Days. The largest and surest heading red cabbage; more deeply colored at the heart than Red Dutch; medium to long stem.

CELERY

Pkt., 10c

CULTURE—Sow in beds in February or March and keep them well watered. Transplant to moist, mucky soil; 6 inches apart in 12-inch rows. Earth up two or three times. Cover with straw from severe weather, with boards on top; 1 ounce of seed produces 2,000 plants.

GOLDEN SELF BLANCHING DWARF. 118 Days. This sort is without doubt the finest early celery in cultivation. Plants compact and stocky, with yellowish-green foliage; stalks perfectly solid, of a fine, nutty flavor attains a good size; branches a handsome golden yellow color.

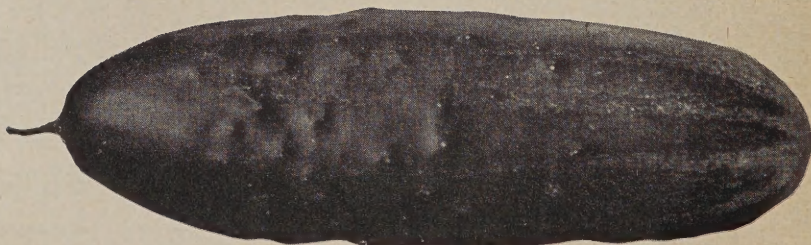
GOLDEN PLUME or WONDERFUL. 112 Days. Resembles Golden Self Blanching in appearance, crispness and fine nutty flavor, though somewhat earlier, larger and of ranker growth. Branches quickly with a full heart and rich, golden-yellow color. Apparently more disease resistant than other yellow celeries. A very desirable sort.

IMPROVED WHITE PLUME. 112 Days. A very early, handsome variety; leaves light, bright green; easily blanched a beautiful silvery-white color. A popular sort for first early market.

GIANT PASCAL. 135 Days. A compact, vigorous, productive variety and one of the best for winter use; leaves upright, short and dark green; stalks short, thick and very broad; blanches a beautiful yellowish-white.

CUCUMBERS

Pkt.	Oz.	¼ lb.
5c	10c	30c



Do not plant until soil becomes thoroughly warm. Cover seed ½-inch, plant in hills 3 feet apart, rows 5 feet, 6 to 8 seeds, thin to 3 or 4. 1 oz. will plant about 100 hills. 2 lbs. to acre.

SNOW'S PERFECTED PICKLE. 52 Days. The most symmetrical, best formed and productive pickling sort; early, small, square ended and deep green.

LONG GREEN, IMPROVED. 70 Days. A standard late, well-known table sort; 12 to 14 inches long, slender, more or less warted, tapering towards the stem end; color dark green, flesh white and firm.

WHITE SPINE, IMPROVED EARLY (Arlington). 65 Days. One of the very earliest and best known of the White Spines; a short square ended, rather three-cornered type; very productive; fine for slicing or pickles; medium green color.

EARLY FORTUNE. 65 Days. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance.

EARLY FRAME or SHORT GREEN. 56 Days. Vigorous and productive; medium in size and earliness; good for pickling and slicing; fruit light green and is inclined to be three-cornered rather than round.

WHITE WONDER. 60 Days. Fruit, produced in clusters, is symmetrical, short, blocky and rounded at both ends; color ivory-white from time of forming until maturity.

GHERKIN. 50 Days. Grown exclusively for pickles; fruit very small, oval and covered with spines; color light green.

LONGFELLOW. 72 Days. Particularly valuable for shipping. Fruits handsome; extremely dark green over entire surface, retain the color remarkably long after picking; white spined. 12 to 14 inches long; 2½ to 2¾ inches thick. Straight, well filled at ends; very few seeds.

STRAIGHT 8. Fruits symmetrical, cylindrical, about 8x1½ inches, well rounded at the ends. Color deep green. Ideal for shipping and home use.

CELERIAC or Turnip-Rooted Celery

CULTURE—Sow the latter part of April, covering seeds $\frac{1}{4}$ of an inch. Thin out to about 1 inch apart in the row and transplant into rows $\frac{1}{2}$ feet apart and 6 inches apart in the row.

Uses—Served as a salad with French dressing, or served hot with cream sauce.

Roots are turnip-shaped, very smooth, tender and marrow-like. Pkt., 5c; oz., 25c.

SWEET CORN

Pkt.	1 lb.	5 lbs.
10c	25c	\$1.10

CULTURE— $\frac{1}{2}$ -lb. will plant 100 hills. Sweet Corn varies greatly in hardness, earliness, size and sweetness. The early sorts grow only 3 to 5 feet high and may be planted when the trees are starting out in leaf, in rows 3 feet apart, making the hills about 1 ft. apart. The later and sweeter varieties are more tender and should not be planted until the trees are in full leaf or the seed will rot in the ground. Plant garden corn in rows 3 feet apart, making the hills 18 inches apart in the rows.

STOWELL'S EVERGREEN. 105 Days. The standard and best sweet corn. Ears 8 to 9 inches long, 16 to 18 rowed, with a very deep, sweet grain.

NARROW GRAIN HYBRID. 90 Days. Same season as Narrow Grain Evergreen. Much more prolific in poor years. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 45c.

COUNTRY GENTLEMAN (Shoe Peg). 93 Days. An especially fine quality corn. Ears 7 to 8 inches long, cob small, white and densely covered with long, slender, white grains, without row formation.

COUNTRY GENTLEMAN HYBRID. 90 Days. Same season as Country Gentleman but better yielder in poor years. Pkt., 15c; $\frac{1}{2}$ lb., 25c; lb., 45c.

GOLDEN COUNTRY GENTLEMAN. 90 Days. By crossing Country Gentleman and Golden Bantam, this late variety was produced, with the flavor of Bantam and the size and kernel of Country Gentleman. An excellent late yellow. Pkt., 10c; $\frac{1}{2}$ lb., 20c; lb., 35c.

GOLDEN BANTAM. 85 Days. Early, golden yellow and of the finest quality. Ears 8 rowed and 6 to 7 inches long.

ADAM'S EARLY. 90 Days. Not a sugar corn, but largely grown for early use; hardy, standing early planting and the thick, hard husks preventing entrance of the corn worms. Ears 7 to 8 inches long, 12-rowed.

GOLDEN SUNSHINE. 80 Days. Of the Golden Bantam type but a week to 10 days earlier. Ears 12-rowed, kernels broad, yellow and sweet.

HOWLING MOB. The leading white, second early. Productive and of extra fine quality. Ears 9 to 10 inches long with 14 rows.

TRUCKER'S FAVORITE. Best roasting ear; not a true Sugar Corn. Stalks about 8 ft. tall, ears are of medium length and thickness, average 7 to 8 inches, with 12 or 14 rows. Kernels are white. Long, tight husks protect the ear from worms and the corn is very tender when in the roasting ear stage.

GOLDEN CROSS. Here is a fine new variety that is an improvement in every way over the ordinary Golden Bantam. A week later than Golden Bantam; grows $4\frac{1}{2}$ to 5 feet tall. Ears are larger and longer, and have 10 to 14 or 16 rows of tender, rich, full-flavored yellow kernels, somewhat lighter than regular Bantam. Produces almost twice the yield of Golden Bantam and in every way is a wonderful new Sweet Corn. Pkt., 15c; 1 lb., 40c.

CHIVES

Used for seasoning; has strong onion flavor. Very early, lives forever. Clump of roots, 15c each; \$1.00 per dozen. By mail, 10c a dozen extra.

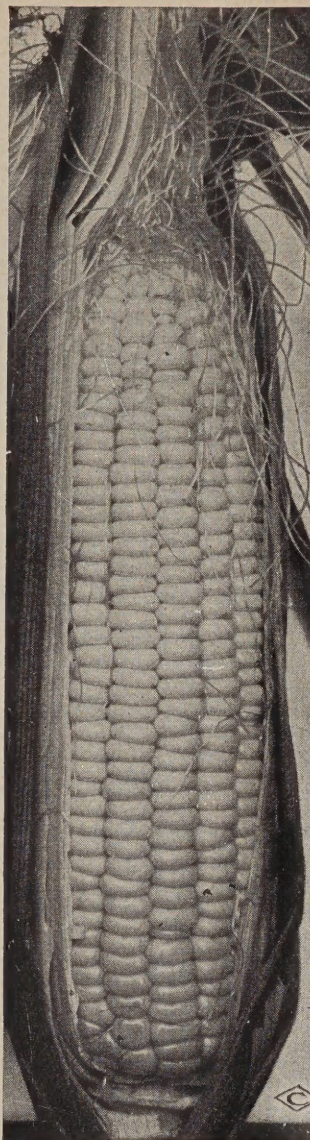
CHICORY

LARGE ROOTED or COFFEE. Sow in drills. Roots used in adulterating coffee when dried, roasted and ground. Pkt., 10c; oz., 15c.

ENDIVE

CULTURE—Sow in August in shallow drills, twelve to fifteen inches apart, and thin to one foot in drills. When fully grown tie over the outer leaves of a few plants every week or ten days to blanch.

	Pkt.	Oz.
Green Curled Mammoth.....	\$0.05	\$0.15
Ever-White Mammoth .....	.05	.15



Golden Bantam



CRESS

CURLED or PEPPER GRASS. Very hardy, fast growing annual which produces a good supply of attractive, finely curled dark green foliage for garnishing and of a pleasant pungent flavor.

WATER CRESS. 50 Days. Will only thrive well when the roots are submerged in water; grows best along banks of small running streams.

TREAT BEFORE PLANTING WITH
SEMESAN
FOR DISEASE PROTECTION

GARLIC

FOR SEED. Thrives best in light, well-enriched soil. Bulbs should be planted in the fall 6 to 8 inches apart. Cultivate and store the same as onions. Much valued for flavoring soups, stews, etc. Fine bulbs. $\frac{1}{4}$ lb., 15c; lb., 50c.

KALE or BORECOLE

DWARF GREEN. Sow in autumn for sprouts of green; desirable in every garden. Height 8 inches. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

TALL GREEN SCOTCH. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

LEEK

GIANT FLAG. Similar to onions in flavor, but milder and preferred by many. Excellent for soups, stewed or creamed. Edible parts 6 to 8 inches long, 3 inches in diameter. Pkt., 10c; oz., 20c.

KOHL-RABI

Kohl-rabi is grown for its turnip-shaped bulb, which is formed above ground. The bulbs should be used while young and tender. Set plants 8 inches apart.

EARLIEST WHITE VIENNA. Greenish white outside, with clear white flesh within. Smooth, short leaf; good for forcing; fine quality. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c.

EARLIEST PURPLE VIENNA. Same in every respect as earliest White Vienna, except in the outside color.

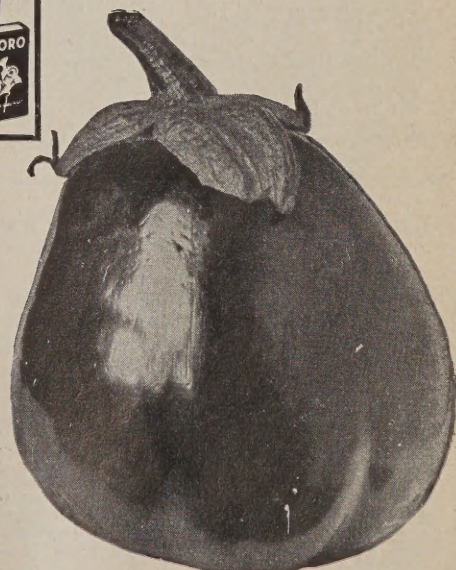
EGGPLANT

(1 oz. will produce 1,500 plants)

Pkt.	Oz.	$\frac{1}{4}$ lb.
10c	40c	\$1.25

CULTURE—Plant requires continuous warm weather for best results. The seed germinates slowly and should be started in a hotbed. The plants may be set out in the open ground when 2 inches tall if continued warm weather is in prospect. Space the plants $2\frac{1}{2}$ to 3 feet apart. Young plants should be shaded from hot sun.

LARGE NEW YORK PURPLE IMPROVED. The standard home and market sort. Plants large, 30 to 36 inches tall; very productive, commonly bearing 4 to 6 or more large, handsome, dark purple, symmetrical broad egg-shaped fruits. **BLACK BEAUTY.** The earliest of all large-fruited Eggplant, ten days to two weeks earlier than the New York Purple. The color is a rich shiny purplish black. It is entirely free from spines.



Black Beauty Eggplant

LETTUCE

½ Ounce to 100 Feet Drill
Pkt., 5c; Oz., 10c.

CULTURE—For an early crop sow under glass in February and transplant on a well prepared bed, in some sheltered corner, in April. For successive crops sow in beds of well pulverized soil in March and at intervals of about a fortnight until the end of May.

ALL SEASONS. 50 Days. A large heading variety which may be sown early in the spring and will head during warmer weather than will permit most other sorts to head. The solid hearts are creamy yellow.



EARLY CURLED SIMPSON. 50 Days. A large, loose-leaved sort. Leaves broad, crumpled, and well frilled at the edges. Color, light green.

BLACK SEEDED SIMPSON. 50 Days. A popular loose-leaved sort of excellent quality. A fine early home garden sort. Leaves broad, blistered and crumpled.

GRAND RAPIDS FORCING. 50 Days. The favorite loose-leaf forcing sort and an excellent outdoor sort. Large, beautiful leaves, very crisp and tender.

BIG BOSTON. 75 Days. Heads large and compact. Color, light green, slightly tinged reddish brown. Heart greenish white tinged with yellow.

PRIZEHEAD EARLY. 50 Days. A crisp, tender, loose-leaved sort, produces large, loose heads, the outer portions of which are shaded with brown.

NEW YORK (Wonderful). 80 Days. A very large, late, globular heading variety; leaves broad of thick texture, fairly blistered and crumpled, and the borders frilled; color clear dark green; quality good. Pkt., 10c; oz., 15c.

ICEBERG. All of the Crisphead Lettuces are good in warm weather. Iceberg is the earliest of the class and makes very large solid heads of crisp, incurved, light green leaves.

IMPROVED HANSON. Loose heads of crumpled light green leaves. A reliable summer lettuce for home gardens.

SPECIAL OFFER

All 10c Packets, 3 for.....	\$0.25
7 10c Packets for.....	.50
15 10c Packets for.....	1.00
All 5c Packets, 6 for.....	.25

AVERAGE KILLING FROST IN THIS SECTION
IS OCTOBER 21st.

REGARDING NUMBER OF DAYS TO MATURITY

The number of days required by any particular variety to produce garden stuff ready for table use varies from year to year and depends upon growing and seasonal conditions. In our description of most varieties we are giving the average number of days from seed to edible stage. Time given for broccoli, cabbage, cauliflower, pepper and tomato is days from setting plants to marketing fruits. Figures are based on growing conditions here and are meant only for convenience in comparing earliness of varieties.

MUSTARD

35-40 Days

Pkt.	Oz.	¼ lb.	Lb.
5c	10c	20c	60c

CULTURE—Sow the seed in drills early in the spring and at frequent intervals throughout the summer to secure a constant supply of fresh greens. Mustard is hardy and is easily grown. One ounce will sow 50 feet of row.

FORDHOOK FANCY (Ostrich Plume). A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed on the edges; fine for salads and garnishings.

SOUTHERN GIANT CURLED. Plant vigorous and hardy, of upright, spreading growth; leaves 5 inches long by 3 inches wide, light green, tinged yellow, much crumpled and frilled at the edges. The popular market variety in the South.

MUSTARD SPINACH (Tendergreen). An oriental type of mustard greens sold in the South under many confusing names. A desirable quick growing, tender variety, with long, broad, fairly smooth leaves and white midribs; slow to seed.

WHITE LONDON. Plant of rapid, upright growth, soon going to seed; leaves rather small and smooth, deeply cut or divided; color deep green; seed large, light yellow.



SPECIAL OFFER

\$1.00 PURCHASE OF PACKETS VEGETABLE AND FLOWER SEEDS—ONLY
—YOUR SELECTION AND 1 POUND
STAR BRAND COFFEE FOR \$1.00
POSTPAID.

MUSKMELONS

Pkt.	Oz.	¼ lb.	Lb.
5c	10c	35c	\$1.00

CULTURE—Muskmelons grow best in light soil. Plant in hills about six feet apart, mixing in each hill about a shovelful of well rotted manure. Sow about a dozen seeds in every hill, early in May, and when well started thin out to three or four of the strongest plants.

ROCKY FORD. 95 Days. This is the most popular of the basket melons; oval, light ribbed, densely covered with coarse green netting, flesh thick, green and sweet, highly flavored.

POLLOCK'S No. 10-25. 95 Days. A very popular, standard, Rocky Ford shipping melon, having a hard gray netting and salmon-tinted flesh.

HEARTS OF GOLD. 90 Days. Fruit round, with tendency to heart shape, flesh very thick, deep salmon color and of high quality.

HACKENSACK. 95 Days. Fruit large, round, flattened at the ends, deeply and irregularly ribbed, coarsely and heavily netted; flesh green, thick and of fine quality.

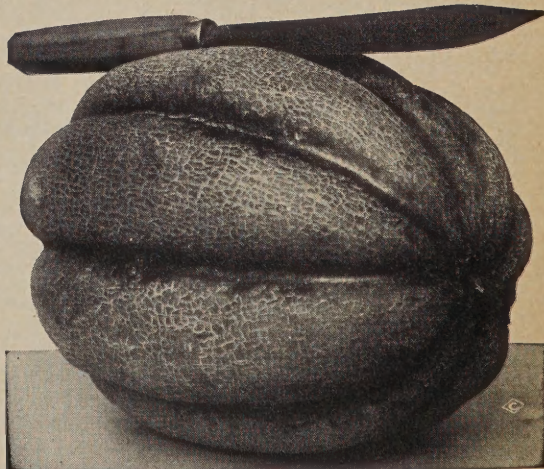
MONTREAL GREEN NUTMEG (Montreal Market). 95 Days. Excellent; very large, often weighing 18 to 20 pounds; fruit round, flattened at both ends, medium green, deeply ribbed and well netted; flesh remarkably thick and of superior quality.

BANANA CANTALOUPE. 100 Days. Shaped somewhat as name indicates; grows about 2½ feet long; flesh deep salmon color.

HALE'S BEST. 85 Days. Early; are oval in shape, about 6 in. long by 4½ in. in diameter, with heavy netting and fairly distinct ribbing. Flesh exceptionally thick and deep salmon in color.

LONG YELLOW CANTALOUPE. 95 Days. Large, long, oval and deeply ribbed; flesh light salmon, very thick and sweet.

HONEY DEW. 110 Days. Fruit large ovoid in form, about 10 inches long and 8 inches in diameter; surface smooth and hard creamy white in color turning to a lemon tint when fully ripe; flesh light emerald green, very thick, ripening to the rind, very tender and melting, with an extreme sweetness found in no other melon.



For
Spraying
Melons
Use
Tobacco
Dust
Black
Leaf
40

Feed With
VIGORO
COMPLETE PLANT FOOD



WATERMELONS

Pkt.	Oz.	¼ lb.
5c	10c	25c

CULTURE—Treat as for muskmelons, but give more room, 10 to 12 feet apart each way. Watermelons do best on old, rich soil, which is not too freshly manured, hence when making the hills, well-rotted manure should be used, and it is better to prepare them some time ahead before planting the seed. If manure cannot be obtained, use good commercial fertilizer or sheep manure mixed with the soil. One ounce plants 20 hills; 4 pounds per acre. Plant early in May or for later use, in June.

DIXIE QUEEN. A leader for home gardens, local markets, and for shipping. Fruits nearly round with light and dark green stripes; thin, tough rind; flesh deep scarlet, crisp and sweet. Medium to large size, and very uniform. The few seeds are white.

IRISH GRAY. Free from hard centers and strings, very firm, and does not break when sliced. Matures in about 90 days. Greenish gray color; does not sunburn.

TOM WATSON. Immensely popular because there is delicious sweetness. The flesh is rich red, crisp and tenderly melting. Reaches the size of 24 to 28 inches in length, and 12 to 14 inches in diameter. It has a mottled, dark green rind, thin, but tough enough to stand shipping.

HALBERT HONEY. The melons are oblong in form, skin is smooth, of dark green color, thin, and rather brittle; on this account the melons do not stand shipping well. But for home use, they are excellent.

KLECKLEY SWEET. Well named, for the flesh of this melon is sweet as honey. The rind is dark green, and only about one-half inch thick. Seeds are white, lying close to the rind, leaving a large solid heart.

SWEETHEART. Vine vigorous and productive. Fruit large, rounded or slightly oblong; skin pale green, with bands of deeper color, flesh red, melting and very sweet.

STONE MOUNTAIN. A very fine melon, especially popular in the southern states, where the fruits frequently weigh 50 to 80 pounds. The flesh is solid, bright scarlet in color, has few seeds, and is very sweet.

"KING AND QUEEN" WINTER WATERMELON. Spherical in shape, ivory shell, pink center, seeds black. Average weight 25 pounds. The most luscious, handsome and valuable winter melon in the world.

GOLDEN HONEY. The best of the yellow fleshed melons. It is oblong in shape and the average weight is 20 pounds. The rind is dark green with irregular stripes of darker green. Edible in 90 days.

CITRON. For preserving. Fruit very similar to the watermelon, but the flesh is used exclusively for sauces, pies, and preserving. The flesh is white, will keep solid all winter, and has a delicious flavor after it is cooked.

POP CORN (Shelled)

JAPANESE HULLESS. A dwarf growing corn. Heavy yielder. Pkt., 10c. Postpaid.

S. AMERICAN. Fine yellow variety. Pkt., 10c. Postpaid. (Write for prices on larger quantities.)

Tune in on Radio Station KWTO and listen to our Sunday Bouquet Program, each Sunday Morning from 9:00 to 9:30 A. M.



OKRA or GUMBO

Pkt.	Oz.	¼ lb.
5c	10c	25c

CULTURE—Sow after soil is warm in rows 3 feet apart, 18 inches apart in the row. The pods are used for soups and stews. The pods should be gathered while still young and tender, before the woody fiber develops.

LONG GREEN. Very early and productive. Plant 1½ feet high; pods bright green, 7½ inches long, straight, slender, pointed and slightly corrugated; a desirable market variety.

WHITE VELVET. Grows 3½ feet high; is early and productive. Pods are creamy white, long, smooth, slender, and tender.

ONION SEED

Pkt.	Oz.
10c	20c

CULTURE—Sow as early in the Spring as ground can be worked, in drills 15 inches apart, covering one-inch deep. One ounce for 300 feet of drill; 4 to 5 pounds per acre. About 750 seeds to the packet.

LARGE RED WETHERSFIELD. 110 Days. One of the oldest and best known types of onion. A fine, large, rather flat sort of a deep purplish-red color; noted for its productiveness and keeping qualities; used largely in the production of onion sets.

SOUTHPORT LARGE RED GLOBE. 130 Days. The finest type and most popular of the red onions. The bulbs are distinctly globe-shaped with a small neck, and are excellent keepers; color a deep purplish-red.

PRIZETAKER. 100 Days. One of the largest onions grown and the mildest; is productive and a sure cropper; bulbs are globe-shaped and of a light straw color.

YELLOW GLOBE DANVERS. 110 Days. Bulbs medium large, round, yellow, firm and solid. Flesh white, with slight yellow tone.

SOUTHPORT WHITE GLOBE. 110 Days. Of the true Southport Globe form with a thin, delicate skin of purest paper whiteness; flesh is very crisp, fine-grained, snowy-white in color and exceedingly mild.

RIVERSIDE SWEET SPANISH. 98 Days. Nearly globular in form, resembling Prize-taker, but grows to golden yellow in color of skin; flesh white and very mild.

WHITE PORTUGAL or SILVERSKIN. 100 Days. A large, flat, white onion of mild and pleasant flavor hard and fine grained.

CRYSTAL WAX. 90 Days. Bulb, round, medium sized, solid, skin thin and delicate; flesh waxy white, fine grained, and mild.

YELLOW or WHITE BERMUDA. 88 Days. Medium sized, flat sort. Skin light straw color, thin and loose; flesh nearly white, coarse, sweet and mild.



ONION SETS

Tops, 28 lbs. per bu.; bottoms, 32 lbs. per bu. It takes 1 bu. to set an acre.

Price on application for the following varieties:

RED WETHERSFIELD
AUSTRALIAN BROWN
WHITE SILVERSKIN
YELLOW GLOBE

POTATO ONION
WINTER TOPS
MULTIPLIERS
SUMMER TOPS

BERMUDA ONION PLANTS

We can furnish the genuine Crystal White Wax and Yellow Bermuda, tied 100 to the bundle and 6,000 to the crate, at 15c per hundred and \$1.00 per thousand, postpaid.



Ruby Giant

PARSLEY

1 Oz. to 100 Feet Drill.

Pkt.	Oz.	1/4 Lb.
5c	15c	35c

Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing; also for ornamental border in the flower garden; succeeds best in rich, mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the spring.

CHAMPION MOSS CURLED. This is a vigorous, compact growing variety, excellent for garnishing and flavoring, and a handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss.

EXTRA TRIPLE CURLED. Very finely curled variety of dark green color. One of the best varieties for all purposes.

DOUBLE CURLED. An excellent variety for garnishing meats.

PARSNIPS

CULTURE—Sow the seed thickly in rows 1½ to 2 feet apart early in the spring as the ground can be worked. Give frequent and thorough cultivation. When the plants are well up thin 4 to 6 inches in the row. Seed can be sown from February to May.

LARGE SUGAR or HOLLOW CROWN. The market gardener's favorite. Considered the best for general culture. Pkt., 5c; oz., 10c; ¼ lb., 35c; postpaid.

**PEANUTS**

This crop is naturally adapted to a light, sandy land. When properly cared for, it will yield a good profit as a market crop or as pasturage for hogs. Shell the seed before planting, and plant in rows 3 feet apart, hills 10 inches apart. Peanuts should be planted in May or June.

	Lb.	5 lbs.
Tennessee Red	\$0.25	\$1.00
Virginia .....	.25	1.00
Spanish .....	.25	1.00
	Postpaid	

PEPPERS

1 Oz. Will Produce About 2,000 Plants.

Pkt.	Oz.
10c	45c

CULTURE—Sow in hotbeds in March or April; transplant in open ground when all danger from frost is over, in rows 1 foot apart and 2 feet apart in row.

LARGE BELL or BULL NOSE. 120 Days. Large, mild, thick-fleshed variety. One of the best for stuffed pickles.

CHINESE GIANT. 130 Days. Plant of short, stocky growth, with light green foliage; fruits pendent, thick, blocky and square ended, 4 to 5 inches in diameter and of equal length; color radiant glossy scarlet.

CALIFORNIA WONDER. 120 Days. Resembles Chinese Giant in the large size and "blocky" form of its fruits, but having an extremely thick flesh not possessed by that variety. Fruit upright, crimson, measuring 4½ in. in length by 4 in. in diameter, mild and sweet.

RUBY GIANT. A cross between the Ruby King and the Chinese Giant, having the good qualities of both. The peppers are of very large size and so sweet and mild that they can be eaten raw. The flesh is very thick and when ripe is of a deep red color; matures early.

RUBY KING. 110 Days. Very large, sweet and solid, bright scarlet.

PIMENTO. 100 Days. A very thick fleshed, heart-shaped, smooth, mild, crimson variety, much used for salads; fruit pendent; 3½ in. long by 2½ in., greatest diameter; rather late in season.

GOLDEN QUEEN. 120 Days. One of the largest of the sweet, yellow peppers; resembles Ruby King in size, form and mild flavor, but is a bright, golden-yellow color.

SUNNYBROOK. A tomato-shaped, sweet red pepper of much merit. Fruit upright, 1 in. in diameter by 2½ in. in depth with thick flesh; moderately early.

PUMPKINS

Pkt., 5c



King of Mammoth

CULTURE—After danger of frost is over plant the seed in hills 3 to 10 feet apart each way, dropping about a dozen seeds in a hill. The soil should be made as rich as possible. If planted with corn, 2 or 3 seeds a rod apart each way will be sufficient. When danger from bugs is past, thin to 3 plants to a hill. Use 3 to 4 pounds of seed per acre; ¼ pound for 75 hills.

LARGE CHEESE or KENTUCKY FIELD. Large, round flattened fruits, much ribbed and creamy buff in color; flesh yellow, very deep and of fine quality; one of the best canning sorts.

KING OF THE MAMMOTH. The giant among pumpkins. Often weigh over 100 pounds. Salmon skin. Flesh bright yellow, fine-grained and of good quality.

CUSHAW, STRIPED. Of the crookneck type with mottled green and white stripes; fruit will weigh from 10 to 15 pounds; flesh yellow, very solid and fine grained.

CUSHAW, WHITE (Jonathan). A popular crooknecked variety with a hard, creamy-white shell; fruits two feet in length, with long, solid, meaty necks; fine quality.

TENNESSEE SWEET POTATO. Pear-shaped, skin and flesh a creamy white. Flesh thick and when cooked resembles sweet potatoes.

SWEET or SUGAR (New England Pie). Fruits small, round, flattened at the ends, and slightly ribbed; skin and flesh deep orange-yellow; flesh very thick and of high quality.

Tune in on Radio Station KWTO and listen to our Sunday Bouquet Program, each Sunday Morning from 9:00 to 9:30 A. M.

Nursery Stock Department

Send in your order for nursery stock when you place your seed order. Our nursery department will ship the stock to you at the proper planting time. Our nursery stock is all strong, full of life plants, that are sure to grow.

**For Complete Satisfaction Send Your Order to
SPRINGFIELD SEED CO.**

Below we are listing popular planting sizes of Evergreens very reasonably priced.

Evergreens

Too heavy to mail, will be shipped by freight, collect. These evergreens are field grown and have been transplanted several times to obtain an abundant supply of fibrous roots. All our evergreens are dug with a big ball of earth and carefully burlapped.

BERCKMAN'S GOLDEN ARBOR VITAE. One of our most popular evergreens. Semi-dwarf in habit of growth. Tips of foliage golden yellow. Hardy.
15 to 18 inches tall.....\$2.00

ARBOR VITAE, CHINESE. Rapid growing. Very hardy. Pyramidal growth.
18 to 24 inches tall.....\$1.25
15 to 18 inches tall.....1.00

SPINY GREEK JUNIPER. Beautiful blue-green foliage, medium height. Broad cone-shaped.
15 to 18 inches.....\$2.00
1½ to 2 feet.....2.50
2 to 2½ feet.....3.25

IRISH JUNIPER. Tall slender tree. Excellent for doorways or beside the garden seat. Grey-green foliage.
2 to 3 feet.....\$1.75
3 to 4 feet.....2.25

SAVIN JUNIPER. A low spreading evergreen. Bright green foliage.
15 to 18-inch spread.....\$1.75
18 to 24-inch spread.....2.25
PFITZER'S JUNIPER. The most popular spreading evergreen. Very hardy. Dark green foliage. Irregular type growth.
15 to 18 inches.....\$2.00
18 to 24 inches.....2.50
SCOTCH PINE. Rapid grower. Red bark. Very hardy. A spreading tree.
2 to 3 feet.....\$1.75
3 to 4 feet.....2.25

Stimulate Plant Growth with MACKWIN VITAMIN B₁

A stable liquid solution for indoor and outdoor plants where Vitamin B₁ is deficient. Supplies Vitamin B₁ for vigorous root action so necessary for healthy plant growth. In handy eye-dropper bottle. Use 2 drops in each gallon of water.
In Liquid Form.
Makes 120 gals. A Sensational Value.
35 Cents



Evergreen Hedge

CHINESE ARBOR VITAE HEDGING. Makes a very dense evergreen hedge or wind-break. Hardy.

	Per 10	Per 25	Per 100
12 to 15 inches.....	\$1.00	\$2.25	\$8.50

Any COMPLAINT whatever to be registered immediately upon receipt of shipment, otherwise we will not entertain any complaints.

Perennial Flowering Plants

Per 3, \$0.69 . . . Per 12, \$1.95 . . . Prepaid

ASTERS, HARDY (Michaelmas Daisy). Bloom in late summer with a gorgeous display of color.

Blue Gem. Double flowers of rich blue.

Climax White. Large single white flowers.

Mrs. F. W. Raynor. Nearest red of all asters.

St. Egwin. A pleasant rosy pink; free blooming.

BLEEDING HEART. Everblooming. Dwarf plants with fern-like foliage producing graceful rose-pink flowers all summer.

CHRYSANTHEMUM. Glorious fall-blooming flowers; your choice of red, pink, bronze, yellow, and white.

COREOPSIS. Golden yellow flowers on long stems; June until frost.

DAISY, SHASTA. Large pure white blossoms.

DELPHINIUM (Larkspur). Long showy spikes of varying shades of blue. Blooms in June and July, sometimes again in the fall.

GAILLARDIA BURGUNDY (New). Shining wine-red flowers about 2½ inches across, borne on long, stiff stems, from June until frost.

GARDEN PINKS. Sweetly fragrant flowers in mixed shades from white through pink to red.

GYPSOPHILA (Baby's Breath). Two to three feet in height and most graceful in effect, with masses of tiny white flowers. Can be dried for winter bouquets.

HARDY FERN. For outdoor planting. Long, heavy but graceful fronds.

HOLLYHOCKS. An old fashioned flower that is always a favorite. Ours are double flowering and come in pink, maroon, red, white, and yellow. Please state the colors desired when ordering.

LILY OF THE VALLEY. Fragrant, pure white bell-shaped flowers.

MALLOW MARVELS (Rosemallow). Giant flowers of pink, red, and white. Very showy.

PHLOX. Showy flowers in a wide range of colors. Bloom from early summer till frost. We have selected these five splendid varieties:

B. Comte. Satiny purple, very brilliant, tall.

R. P. Struthers. Bright carmine with red eye.

Rijnstroom. Beautiful clear pink.

Mrs. Jenkins. Pure white.

Thor. Deep salmon-pink.

PLATYCODON (Balloon Flower). In the bud these flowers look like tiny toy balloons. They open to bright star-shaped flowers. Bloom nearly all summer. Colors blue and white.

PYRETHRUM (Painted Daisy). As the name implies, these flowers appear to be daisies that some clever artist has painted in shades of red. Bloom over a long period.

STATICE (Sea Lavender). Large, lacy sprays of lavender-blue flowers. Splendid to use with other flowers in making up bouquets.

SWEET WILLIAMS. Fragrant showy flowers in early summer. Fine for cutting. Mixed shades of pink and red.

TRITOMA (Red-Hot-Poker). One of the showiest of all flowers. Large yellow to orange flower brands on tall stiff stems.

Any COMPLAINT with reference to any or all Nursery Stock must be made within five days after arrival, and no complaint can be entertained at a later date.

ROSES

Two-Year Field-Grown Plants

FROM JUNE TO OCTOBER

No. 1 Top Size, 2-Year Old, Field Grown,
Prepaid.

Each, \$0.45	Per 4, \$1.50	12 for \$4.25
Medium Grade, Field Grown, Prepaid.		
Each, \$0.35	Per 4, \$1.20	12 for \$3.35

PINK COLOR

RADIANCE. Brilliant rose-pink; America's most popular rose.

COLUMBIA. Long stemmed, pointed flowers, vivid pink.

J. J. L. MOCK. Deep carmine-pink, very large flowers.

PAUL NEYRON. Dark lilac-rose, fragrant, nearly thornless.

LOS ANGELES. Salmon-pink with yellow shading.

MISS ROWENA THOM. Bright pink, yellow base, very large.

RED COLORS

AMERICAN BEAUTY. Deep pink, fragrant, vigorous.

AMI QUINARD. Dark velvety crimson, almost black.

ETOILE DE FRANCE. Vivid crimson flowers.

GRUSS AN TEPLITZ. Brilliant crimson, very fragrant, free blooming.

RED RADIANCE. Similar to Radiance, but deep rose-red; everblooming.

E. G. HILL. Long bud, full double, dazzling scarlet, vigorous.

ETOILE DE HOLLANDE. Brilliant red, huge, free flowering.

McGREDY'S SCARLET. Bright scarlet. Vigorous grower.

YELLOW COLORS

DUCHESS OF WELLINGTON. Saffron-yellow, large, shapely, fragrant.

LADY HILLINGDON. Pointed buds of deep saffron-yellow, fragrant.

SOUVENIR DE CLAUDIUS

PERNET. Fadeless yellow, blooms freely.

SUNBURST. Yellow suffused with orange at center.

JOANNA HILL. Orange-yellow, dainty and lovely; fragrant.

LUXEMBOURG. Copper-yellow with deep yellow stains at base.

MRS. E. P. THOM. Large flowers of bright canary yellow.

VILLE DE PARIS. Large globular flowers of clear yellow.

TWO-TONE COLORS

PRESIDENT HERBERT HOOVER. Cerise-pink, flame scarlet and yellow.

TALISMAN. Bright apricot, gold and deep pink; very popular.

MARGARET McGREDY. Solid orange-vermilion, large, hardy.

EDITH NELLIE PERKINS. Buff inside, coppery pink outside.

WHITE COLORS

CALEDONIA. Long snowy white buds. Fragrant.

KILLARNEY, DOUBLE WHITE. Large snowy-white flowers.

KAISERIN AUGUSTE VIKTORIA. Snowy-white tinted yellow at center.

FRAU KARL DRUSCHKI (White American Beauty). Snowy white.

CLIMBING ROSES

Prices same as for Bush Roses.

CLIMBING AMERICAN BEAUTY. Carmine red, fine form.

CRIMSON RAMBLER. Scarlet-red, large clusters.

DOROTHY PERKINS. Shell pink, long slender canes.

MARY WALLACE. Pink and gold, double, hardy.

GARDENIA. Hardest and most dependable yellow climber.

PAUL'S SCARLET. Intense scarlet, vigorous and free flowering.

DR. W. VAN FLEET. Pale pink flowers, equal to best tea rose.

POLYANTHA ROSES (Baby Ramblers)

Prices same as for Bush Roses.

ELSE POULSEN. Bright rose-pink flowers of good size, borne in large clusters.

IDEAL. Small, dark scarlet blooms in compact bunches.

GOLDEN SALMON. Bright orange-salmon flowers in huge clusters.

KATHARINA ZEIMET. Double pure white flowers, fragrant.

CHATILLON ROSE. Enormous heads, light salmon.

Any COMPLAINT with reference to any or all Nursery Stock must be made within five days after arrival, and no complaint can be entertained at a later date.



Talisman



E. G. Hill



Red Radiance



K. A. Viktoria



American Beauty



Sunburst



Pink Radiance



Souvenir de Georges Pernet



Padre

For Lawns, use
VIGORO

For Flowers, use
VIGORO

For Peas, Beans,
Sweet Peas,
We Recommend



Sow Peas **■** early in the spring as the ground can be worked, in drills about 4 inches deep. The rows must not be nearer than 2 feet, except for the dwarf sorts. Those growing **■** feet high or more should not be nearer than 3 or 4 feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pound will sow 40 feet of drill; 55 to 100 pounds for an acre, in drills **■** feet apart.

EARLY SMOOTH VARIETY

ALASKA. 55 Days. Very early, smooth, blue pea. Popular with canners and market gardeners for a first early sort. Height 2½ feet. Foliage and pods light green; pods 2½ inches long, round, straight and square ended, containing 6 light green peas. Very uniform in maturity.

FIRST and BEST. Not quite **■** early **■** Alaska, but is prolific and hardy. Plant is 2½ feet high, producing medium sized pods well filled.

AMERICAN WONDER. 60 Days. One of the earliest of the green wrinkled sorts. Vine 10 to 14 inches high, dark green, fairly coarse. Very prolific. Pods of striking form, 2½ to 3 inches long, containing **■** to **■** tender sweet flavored peas. Dry seed, green, wrinkled.

CHAMPION OF ENGLAND. 78 Days. One of the richest, best flavored late peas; well known and popular. Height 4½ feet. Vine stout, deep green; pods, often in pairs, medium green, 3½ inches long, straight, nearly round and blunt ended, containing **■** light green peas; productive. Season following Telephone.

GRADUS or PROSPERITY. 62 Days. A standard, early large podded variety, very popular with market gardeners. Height **■** feet. Vine and foliage moderately heavy and medium green; pods medium green, 3½ in. long, semi-round, straight, slightly curved at the tip, and pointed, containing 6 to **■** large, very sweet, medium green peas; moderately productive and of high quality.

MARROWFAT, LARGE WHITE. 80 Days. An old time smooth, round, white seeded pea, growing five feet in height. While immensely productive the quality is below the average. Pods light green, 3 inches long.

LITTLE GEM, PREMIUM. 65 Days. An improved and more dwarf strain of McLean's Little Gem. Height 1½ feet. Foliage dark green; pods light green **■** in. long, round, square ended and well filled with 6 to **■** light green peas of good quality; very productive.

LITTLE MARVEL. 64 Days. An extra fine dwarf sweet pea. Pods somewhat larger than Nott's Excelsior and same season. A fine variety for either private or market garden. Height 18 in. Foliage and pods very deep green; pods 3 in. long, nearly round and square ended, containing 7 very dark green peas of high quality.

NOTT'S EXCELSIOR. 60 Days. A standard, extra early dwarf pea. Height 1½ feet. Foliage medium green, stout and heavy; pods light green, **■** inches long, round, straight and blunt ended, containing 6 light green peas of high quality; productive.

TELEPHONE. 76 Days. A standard, high quality, large podded pea. Height 4½ feet. Vine and foliage strong and heavy, medium green. Pods 4½ in. long, medium green, straight, broad and pointed, containing **■** large, light green peas; main crop, productive.

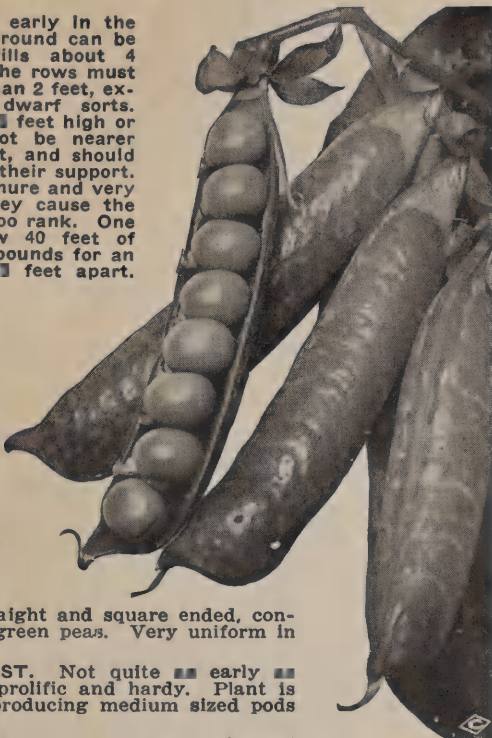
THOMAS LAXTON. 65 Days. A very popular gardener's variety. Height **■** feet; vine and foliage moderately stout, medium green; pods medium green; 3½ inches long, straight, nearly round and square ended, containing 7 medium dark green peas of superior quality. Compared with Gradus is **■** little earlier, more productive, but with **■** smaller, less broad pod.

SUGAR, TALL GRAY SEEDED (Edible Pod). 75 Days. Height 4 feet. Blossoms purple. Vine medium heavy, medium green; pods light green, 2½ in. long, ½ in. broad, square ended, containing 7 light green peas; quite late.

SUGAR, DWARF GRAY SEEDED (Edible Pod). 75 Days. Height **■** feet. Purple blossoms. Quite like Tall Gray, but earlier and of shorter growth.

GARDEN PEAS

Pkt.	Lb.	5 Lbs.
10c	25c	\$1.10



RHUBARB or PIEPLANT

Highly esteemed for pies, tarts, jelly and marmalade. Sow in drills 1 foot apart early in spring. In the fall or next spring transplant 3 feet apart in deeply dug, rich soil.

MAMMOTH VICTORIA. Largest, most productive variety. Large pkt., 10c; oz., 15c; ¼ lb., 50c.

RHUBARB ROOTS. Set in spring, they will furnish leaf stalks the following season. Large roots, each, 10c; doz., \$1.00.

RADISHES

Pkt.	Oz.	¼ lb.
5c	10c	25c

CULTURE—To be tender and crisp radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, **■** at intervals of 10 days, in a light, rich, deeply-worked soil. One ounce will plant 50 feet; 8 to 10 pounds **■** acre.

ICICLE. The Finest White Radish. An ideal white radish; long, slender root, which remains crisp and mild until grown large. It matures early with short top, which permits close planting and forcing. Many of our customers say it is the finest radish they have ever grown. Plant every 10 days for succession.

CRIMSON GIANT. 25 Days. Extremely large, but never pithy. One of the best for outdoor culture. Top is a little too large for **■** forcing sort; intermediate in season.

EARLY SCARLET TURNIP. 23 Days. A well known variety; very quick grower.

EARLY SCARLET TURNIP, WHITE TIPPED (Rosy Gem). 24 Days. Round, deep scarlet, shading to **■** white tip on the bottom; very early; used extensively both **■** forcing and outdoor sort.

FRENCH BREAKFAST. 25 Days. Of oblong form, small and quick growing; color bright rose-scarlet, with small, white tip; good outdoors or under glass.

SAXA. 22 Days. The earliest of the forcing radishes, and **■** of the slowest to shoot to seed. Round, bright scarlet and with the smallest possible top. We have an excellent stock of this radish and can highly recommend it.

WHITE STRASBURG. 39 Days. Popular with market gardeners for summer use. Roots about 5 inches long, 1½ inches thick at the shoulder, tapering and smooth. Skin and flesh white, crisp and slightly pungent. Continues in marketable condition longer than most varieties.

WHITE VIENNA or LADY FINGER. 30 Days. Similar to White Icicle, but more slender and several days later. Roots 5½ to 6½ inches long, ½-inch thick, sleek, tapering; skin white, with tinge of green on the sloping shoulder.

VICK'S SCARLET GLOBE. 22 Days. It is one of the very earliest of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped and with **■** very small top; always crisp and tender; color **■** bright scarlet.

SPARKLER. 20 Days. Deep scarlet with a pure white tip. In shape it is nearly round. Owing to its attractive color, and its extreme earliness it has long been **■** favorite for home use and market. The radish is solid, crisp and sweet, very good quality.



WINTER RADISHES

Sow in June and July.

WHITE CHINESE or CELESTIAL. A beautiful, large, white radish grown very extensively by the market gardeners for fall and winter trade. Root is white, cylindrical, very firm and mildly flavored.

CALIFORNIA MAMMOTH WHITE. 60 Days. An excellent fall variety. Roots 7 to **■** inches long, **■** inches thick; cylindrical, and thickest at lower end; leaves large, light green; flesh white, crisp and not pungent.

LONG BLACK SPANISH. **■** Days. A good keeping winter variety. Roots cylindrical, slightly tapered at tip, 7 to 10 inches long, **■** to 2½ inches in diameter; skin black and somewhat wrinkled; flesh white, solid and pungent.

ROSE CHINA WINTER. **■** Days. A popular, very distinct winter sort. Roots **■** to **■** inches long, 2 inches in diameter, cylindrical, but thicker at the lower end; blunt, smooth, bright rose-red in color; flesh white, very firm, **■** pungent.

SPINACH

Pkt.
5c

Oz.
10c

We handle Immense quantities of Spinach Seed for a critical market garden and truck farm trade. For a succession the seed may be sown early in April and again in May in drills 1 foot apart and 1-inch deep, properly thinning out when plants are 2 inch in the leaf. For the earliest spring crop, sow from first middle of September, protecting the crop through the winter with a light covering of straw or leaves. One ounce for 100 feet of drill, 10 pounds for an acre of drills. Write for prices in large quantities.



Spinach, Bloomsdale



BLOOMSDALE LONG STANDING. 39 Days. Nearly as early as the old strain and will stand two weeks longer before bolting to seed. Plants very uniform, leaves intensely crumpled and blistered, dark glossy green in color.

KING OF DENMARK. 46 Days. A fine long season Spinach, remaining longer than most varieties before bolting to seed. Plant vigorous and spreading; leaves large, rounded, fairly crumpled and blistered; dark green in color.

NEW ZEALAND. 70 Days. Entirely distinct from the true Spinach; plant tall and spreading with numerous side shoots; leaves medium green, rather small and pointed; grows well in hot weather and under adverse conditions.

MUSTARD SPINACH (Tender Greens). Large, thick-leaved variety from Japan, remaining tender both summer and winter. Popular in the South.

SALSIFY or OYSTER PLANT

Pkt., 10c; Oz., 25c.

CULTURE—Sow early in drills 18 inches apart and cover firmly 1-inch deep; thin to 3 inches apart in the drills. One ounce for 60 feet of drill; 7 pounds to one acre.

MAMMOTH SANDWICH ISLAND. 90 Days. A very superior strain, producing smoother, larger and more vigorous roots; foliage stronger. Roots similar to a slim Parsnip. Often called "vegetable oyster."

SEED SWEET POTATOES

Owing to the perishable nature of Sweet Potatoes, our responsibility ceases upon delivery to railroad company and receipted for in good condition.

Write for prices on the following varieties:

Yellow Kinds—

Nancy Hall
Yellow Nansemond
Yellow Jersey
Porto Rico Yam

Red Kinds—

Red Nansemond
Red Jersey
Red Bermuda
White Kinds—
Brazilian
Southern Queen

Plants of the above varieties ready for shipment about April 15. Write for prices.

SEED POTATOES

NORTHERN GROWN

Plant 5 bu. per acre. Write for prices when ready to buy.

CERTIFIED STOCK. We offer Michigan and Minnesota certified potatoes in several instances. Such stock has been inspected while growing by authorized state agents and found free from serious diseases and varietal mixture and from vigorous fields. Sorting and grading to No. 1 grade is also required.

Early Ohio (Red River Stock) Green Mountain
Early Triumph Burbank
Early Rose Early Six Weeks
Irish Cobbler

SQUASH

Pkt.
5c

Oz.
10c

¼ lb.
30c

CULTURE—Plant in hills, in well prepared ground, mixing plenty of well-rotted manure in each hill. Light soils are best suited for their growth. Plant six to eight seeds in each hill and thin out to three or four after they have made partial growth. Plant bush varieties from three to four feet apart each way, and the trailing sorts six to eight.

DELICIOUS. 115 Days. A fall and winter variety, medium size, top-shaped, dark green, flesh orange, very deep and delicious.

TABLE QUEEN. 58 Days. A squash fit for a queen. Cut in half and baked for twenty minutes, it is delicious. Wonderful producer. Fruits are from 6 to 8 inches long and 4 to 6 inches in diameter. Shell hard and smooth, dark green with sometimes a blotch of red at pointed end. Will keep as long as the Hubbard.

GIANT SUMMER CROOKNECK. 55 Days. The largest and one of the earliest summer varieties; fruits often 2 to 2½ feet long, very warty and deep orange in color.

EARLY WHITE BUSH SCALLOP. 60 Days. Very early summer squash; also known as Patty Pan.

EARLY YELLOW BUSH SCALLOP. 60 Days. A true bush. Earlier and smaller than the above.

BANANA. 120 Days. A prolific, oblong variety 2½ feet in length by 6 inches in diameter, having a gray-green shell, with irregular stripes and dashes of a darker shade, distinctly pointed at the blow end; solid, dry flesh with small seed cavity.



GOLDEN HUBBARD. 110 Days. Similar to the old Hubbard in form and habit, though smaller and decidedly earlier; shell moderately warted, rich orange-red; flesh deep orange, fine quality; good keeper.

IMPROVED HUBBARD. 120 Days. The standard Winter Squash. Shell moderately warted; deep dark bronze-green; flesh bright yellow, fine grained, thick and dry.

CHICAGO WARTED HUBBARD. 120 Days. Similar in quality and form to the Hubbard, but fruit larger and a little later.

SWEET POTATO. Fruit light yellow with green stripes, 8 to 10 inches long and thick flesh.

TOBACCO

CULTURE—A very clean piece of land is best for tobacco. It is customary to burn a piece of land in the woods for plant beds. This destroys grass, weeds and insects, adds fertility through the action of the wood ashes, and leaves the ground in good order. The seeds are sown about February and protected by plant-bed cloth to keep off tobacco flies. When large enough and weather is settled (about June), set the plants out in highly manured or fertilized soil in 3½-foot rows, 3 feet between the plants. Constant care must be given, cultivating, suckering, worming, etc. Methods of curing differ according to the variety and color; 1 ounce sows 50 square yards, sufficient to set 2 or 3 acres.

JUDY'S PRIDE. This type of White Burley is the best of any variety grown in this section. Makes the largest yield and the highest grade of leaf, which is much superior to that grown in other sections. Good, bright leaf, small stem and wonderful flavor. Pkt., 20c; oz., \$1.00; postpaid.

The following varieties are old standards: Red and White Burley, Sweet Oronoco, Yellow Prior. Pkt., 10c; oz., 50c; postpaid.



SPECIAL OFFER

\$1.00 purchase of packets Vegetable and Flower Seeds—only—your selection and 1 pound Star Brand Coffee for \$1.00 postpaid.


 HIGH
TEST

TOMATOES

 NONE
BETTER


Our Improved Tomato Seed Is Grown Strictly for Seed Purposes Only. They Are Not a Hit and Miss Lot of Seed from Some Canning Factory.

TOMATOES

Pkt., 10c.

 FEED WITH
VIGORO
COMPLETE PLANT FOOD

CULTURE—One ounce of seed will produce from 2,000 to 3,000 plants. Sow the seed in hotbeds during March. When the plants are 2 inches high transplant into cold frames, plant boxes, paper pots or earth bands. After all danger of frost is over, set these plants into the open ground. The soil should be warm, mellow and fertile. Set plants 4 feet apart each way. Cultivate often and as long as the plants permit. By training the tomato vines on trellises or tying to stakes, the fruit will ripen better and be of finer flavor. A wire fence is a good support. When frost is feared in the fall, pull the laden vines and hang in a shed or cellar and many will continue to ripen.

1 oz. to 2,000 plants.

Set 3 feet apart takes 4,840 plants per acre.

Set 4 feet apart takes 2,723 plants per acre.

STONE. 86 Days. The standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color.

GREATER BALTIMORE. 82 Days. A heavy fruit bearing variety; earlier and more productive than the stone. Fruits large, solid, round, red and free from blemish. Ideal for canning or the garden.

RED ROCK. 83 Days. A very fine selection of the Matchless type; medium early, round, smooth and bright red; makes a good canning variety.

MARGLOBE. 79 Days. Earliest wilt resistant variety. This fine tomato is the result of a crossing of the Early Marvel with the fine flavor and form of the Globe. The meat is solid, has very few seeds, non-acid and has a rich red color, is excellent for local market and is one of the leading canning varieties.

EARLIANA (Spark's). 64 Days. The earliest and best of the very early tomatoes; very productive for an early sort; fruit of fair size, round, very smooth and solid, and produced in clusters in center of the plant; color bright scarlet.

BONNY BEST. 73 Days. About a week earlier than Chalk's Jewel; fruit somewhat smaller, very smooth, round, solid and uniform, and produced in clusters in center of the plant; ripens uniformly and is very productive; color bright red.

RUTGERS. 75 Days. Globe shaped, small seed cavity. Ripens from the inside out. One of the heaviest croppers; recommended for canning and juice.

CUPROCID 54—For control of Blight and Leaf Spot on Tomatoes. 3-lb. bag, \$1.11.



Marglobe

CHALK'S JEWEL. 74 Days. An exceptionally fine variety, about ten days later than Earliana; fruit uniformly smooth, round and solid; color crimson.

CRIMSON CUSHION or ENORMOUS. 90 Days. The largest of the bright red tomatoes; really a Red Ponderosa.

JOHN BAER. 70 days. An early, productive red tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety.

JUNE PINK. 70 Days. In habit of growth, productiveness and size of fruit identical with Earliana, differing only in having purple fruit; the best extra early purple variety.

OXHEART. 100 Days. The largest of all tomatoes, purple fruits often weighing up to a pound and a half. Of distinct "oxheart" form, very solid, with few seed cells.

PONDEROSA. 90 Days. An exceptionally large, purple-fruited tomato, and for home use one of the best; fruit very solid, with few seeds.

PRITCHARD. 73 Days. A mid-season scarlet fruited sort, which is resistant to Fusarium Wilt and to Nail Head rust. Vine vigorous and productive. Fruit nearly globular in shape.

TWINE—For tying Tomatoes. Per lb., 30c.

TURNIPS

Pkt.	Oz.	1/4 lb.	1 lb.
5c	10c	20c	60c

CULTURE—For early use sow very thinly in March or April in drills from 12 to 15 inches apart; thin out to 6 inches in the rows. For fall or winter crop, sow in July and August. The old saw: "On the twentieth of July, sow your turnips, wet or dry," is good advice and sow very sparingly—one seed to the inch is enough. The Rutabagas are grown for feeding stock, and are also excellent for table. One ounce will sow 150 feet of drill; 1 to 1 1/2 lbs. to the acre.

PURPLE TOP WHITE GLOBE. Almost a perfect globe in form; flesh and skin white, colored purple or red, above ground; very fine grained and sweet; a superior variety.

VEGETABLE PLANTS and ROOTS

We have the best equipped Greenhouses and Trial Gardens in the Southwest for growing plants; 55,000 square feet of glass.

In their proper seasons we shall have large quantities of all kinds of vegetable plants of our own growth. Give us ample time to select, pack and ship your order. By doing so you will secure better plants. Should we be sold out of the variety of plants ordered, we will send a nearly similar kind instead. They will be carefully packed and will carry long distances. Plants by mail at purchaser's risk. No charge for packing, etc. Special prices to growers and canners.

RED ARROW GARDEN SPRAY—Ideal for home gardening. See page 31.

SPHAGNUM MOSS—For packing vegetable plants.

Ask for prices.

TRANSPLANTED PLANTS WILL BE SENT UNLESS OTHERWISE STATED ON YOUR ORDER

	Doz.	100	1000	Ready
CABBAGE—Frost Proof				Feb. 15
Transplanted, home grown....	\$0.10	\$0.75	\$6.00	April 1
Transplanted, seed bed.....		.60	4.50	April 1
Tomato, Transplanted .....	.10	.85	7.50	May 20-July 15
Tomato for Canners, seed bed .....		.40	2.50	April 1
Peppers, Transplanted .....	.20	1.50	...	Feb. 15
Cauliflower, Transplanted .....	.20	1.50	...	March 15
Sage, Transplanted .....	.20	1.50	...	April 1
Eggplant, Transplanted .....	.20	1.50	...	April 1
Celery .....	.10	.60	4.50	Feb. 15
Sweet Potatoes, Standard.....		.35	3.00	April 1
Sweet Potatoes, Nancy Hall....		.35	3.00	April 1
Parsley .....	.20	1.50	...	April 1
Onion Plants, Bermuda.....		1.00	5.00	...
Chives, per bunch, 15c.....		1.00	5.00	...
Rhubarb Roots, large clumps—				...
Each, 10c	1.00	5.00	...	...
Asparagus Roots .....	.25	1.50	...	...
Horseradish Roots .....	.15	1.00	...	...
Prices quoted above on plants at our store				
only. By parcel post add 10c per dozen for				
postage and packing.				

OUR COMPLETE LINE OF STANDARD GARDEN SEEDS

CAN BE ORDERED IN PACKETS OR BULK. WRITE FOR PRICES IN LARGE QUANTITIES.

ALL GARDEN SEED POSTPAID.

	Pkt.	Lb.		Pkt.	Oz.		Pkt.	Oz.
BUSH BEANS—Green Pod			ASPARAGUS			EGGPLANT		
Bush Kentucky Wonder.....	.15	.35	Mary Washington .....	.05	.15	New York Improved.....	.10	.40
Full Measure .....	.10	.25	Palmetto .....	.05	.15	Black Beauty .....	.10	.40
Bountiful .....	.10	.25						
Red Kidney .....	.10	.25	BEETS			ENDIVE		
Giant (Stringless) .....	.10	.25	Banquet Table .....	.05	.10	Green Curled Mammoth.....	.05	.15
Burpee's Stringless .....	.10	.25	Egyptian Early Blood Turnip.....	.05	.10	Ever-White Mammoth .....	.05	.15
Knife Blade .....	.10	.25	Eclipse .....	.05	.10			
Early Yellow Six Weeks.....	.10	.25	Edmund's Blood Turnip.....	.05	.10	KALE		
Landreth's Stringless .....	.10	.25	Detroit Dark Red Turnip.....	.05	.10	Dwarf Green Curled Siberian.....	.05	.20
Refugee Stringless .....	.10	.25	Improved Early Blood Turnip.....	.05	.10	Dwarf Curled Scotch.....	.05	.20
Imp. Red Valentine.....	.10	.25	Long Smooth Blood Red.....	.05	.10			
Tender Green Stringless.....	.10	.25	Swiss Chard Lucullus.....	.05	.10	KOHL-RABI		
Tennessee Green Pod.....	.10	.25	Early Wonder .....	.05	.10	White Vienna .....	.05	.25
Dwarf Horticulture .....	.10	.25	Fire Ball .....	.05	.10	Early Purple Vienna.....	.05	.25
Henderson's Bush Lima.....	.10	.25				Early White Erfurt.....	.05	.25
Burpee's Bush Lima.....	.10	.25	MANGEL WURZEL					
Fordhook Bush Lima.....	.15	.25	Mammoth Long Red.....	.05	.10	LEEK		
			Golden Tankard .....	.05	.10	London Flag .....	.10	.20
WAX BEANS—Bunch			Red Globe .....	.05	.10			
Dwarf Golden Wax.....	.10	.25	Improved White Sugar.....	.05	.10	LETTUCE		
Pencil Pod Wax.....	.10	.25				Grand Rapids Forcing.....	.05	.10
Challenge Black Wax.....	.10	.25	BRUSSELS SPROUTS			Denver Market .....	.05	.10
Currie's Rust Proof Wax.....	.10	.25	Hercules .....	.05	.25	Black Seeded Simpson.....	.05	.10
Davis Kidney Wax.....	.10	.25	BROCCOLI			Early Curled Simpson.....	.05	.10
Round Pod Kidney Wax.....	.10	.25	Mammoth White .....	.05	.40	Hanson Improved, head.....	.05	.10
Wardwell's Kidney Wax.....	.10	.25				Prize Head .....	.05	.10
Kentucky Wonder Wax, pole.....	.10	.25	CABBAGE			Big Boston, head.....	.05	.10
			Yellow Resistant .....	.10	.40	White Summer Cabbage, head.....	.05	.10
BEANS—Pole Running			Golden Acre .....	.10	.20	Philadelphia Butter .....	.05	.10
White Cornfield .....	.10	.25	Chinese Cabbage, Pe-Tsai.....	.10	.20	All Seasons .....	.05	.10
White Creaseback .....	.10	.25	Copenhagen .....	.10	.20	Early Curled Silesia.....	.05	.10
Striped Creaseback .....	.10	.25	Extra Early Jersey Wakefield.....	.10	.20	New York Wonderful.....	.10	.15
Kentucky Wonder .....	.10	.25	Charleston, or Large Wakefield.....	.10	.20	Iceberg .....	.05	.10
Kentucky Cut Short.....	.10	.25	Early Drumhead, flat.....	.10	.20	Paris White Cos.....	.05	.10
Horticultural Pole .....	.10	.25	Early Winningstadt, pointed.....	.10	.20	May King .....	.05	.10
Lazy Wife .....	.10	.25	Henderson's Early Summer, flat.....	.10	.20	Wayahead .....	.05	.10
Dutch Case Knife.....	.10	.25	All Seasons .....	.10	.20	California Cream Butter.....	.05	.10
Large White Lima.....	.10	.25	Sure Head, flat.....	.10	.20			
King of the Garden.....	.10	.25	Henderson's Succession, flat.....	.10	.20	MUSKMELON		
Sieva Lima .....	.10	.25	Early Dwarf Flat Dutch.....	.10	.20	Acme, or Baltimore.....	.05	.10
Speckled Lima .....	.10	.25				Chicago Market .....	.05	.10
Missouri Wonder .....	.10	.25	CABBAGE—Late Sorts			Extra Early Nutmeg.....	.05	.10
White Kentucky Wonder.....	.10	.25	Premium Late Flat Dutch, flat.....	.10	.20	Jenny Lind .....	.05	.10
Navy .....	.10	.25	Drumhead Savoy, flat head.....	.10	.20	Golden Netted Gem.....	.05	.10
Giant Podded Speckled Lima.....	.10	.25	Danish Ball Head.....	.10	.30	Hackensack, early .....	.05	.10
			Red Rock .....	.10	.35	Extra Early Hackensack.....	.05	.10
			Red Dutch .....	.10	.20	Large Green Nutmeg.....	.05	.10
PEAS—Wrinkled Sorts Marked *						Long Yellow Cantaloupe.....	.05	.10
Alaska, 2-ft.....	.10	.25	CAULIFLOWER			Champion Market .....	.05	.10
Dwarf Tom Thumb, 12-in.....	.10	.25	Extra Small Leaved Erfurt.....	.25	...	Rocky Ford .....	.05	.10
First and Best, 2-ft.....	.10	.25	Early Snowball, true.....	.25	...	Banana .....	.05	.10
Philadelphia Extra Early.....	.10	.25				Honey Dew .....	.05	.10
*Bliss American Wonder.....	.10	.25	CARROTS			Salmon Tinted Pollock.....	.05	.10
*Little Gem, 18-in.....	.10	.25	Chantenay .....	.05	.10	Hearts of Gold.....	.05	.10
*Nott's Excelsior, 15-in.....	.10	.25	Extra Early French Forcing.....	.05	.10	Montreal Market .....	.05	.10
*Horsford's Market Garden.....	.10	.25	Ox Heart .....	.05	.10	Osage .....	.05	.10
*Stratagem, 3-ft.....	.10	.25	Danvers .....	.05	.10	Tip Top .....	.05	.10
*Telephone, 4-ft.....	.10	.25	Long Orange Improved.....	.05	.10	Hale's Best .....	.05	.10
*Champion of England, 5-ft.....	.10	.25	New Coreless .....	.05	.10	Honey Ball .....	.05	.10
*Bliss Everbearing, 2-ft.....	.10	.25						
Large White Marrowfat, 5-ft.....	.10	.25	CELERY			WATERMELON		
Black Eyed Marrowfat, 5-ft.....	.10	.25	Giant Pascal .....	.10	.25	Sweetheart .....	.05	.10
*Gradus, 3-ft.....	.10	.25	Golden Self Blanching, true.....	.10	.40	Long Dixie .....	.05	.10
*Thomas Laxton, 3-ft.....	.10	.25	White Plume .....	.10	.25	Wonderful Sugar .....	.05	.10
*Laxton's Progress, 18-in.....	.10	.25	Dwarf Golden Plume.....	.10	.40	Cuban Queen .....	.05	.10
*Little Marvel, 18-in.....	.10	.25	Celery for Flavoring.....	.10	...	Georgia Rattlesnake .....	.05	.10
*Potlatch, 3-ft.....	.10	.25				Kolb's Gem .....	.05	.10
*Yorkshire Hero, 2½-ft.....	.10	.25	CELERIAC			Mountain Sweet .....	.05	.10
*Laxtonian, 20-in.....	.10	.25	Turnip Rooted .....	.05	.25	Peerless, or Ice Cream.....	.05	.10
Dwarf Grey Sugar (Edible Pod).....	.10	.25				Florida Favorite .....	.05	.10
Tall Melting Sugar (Edible Pod).....	.10	.25	COLLARDS			Special Kleckley Sweet.....	.10	.15
			Georgia .....	.05	.15	Kleckley Sweet .....	.05	.10
SWEET CORN—Northern Grown						Alabama Sweet .....	.05	.10
Early Minnesota, early dwarf.....	.10	.25	CORN SALAD			Halbert's Honey .....	.05	.10
Early Mammoth, 2nd early.....	.10	.25	Large Leaved .....	.05	.15	Special Halberts .....	.10	.15
Adams' Early .....	.10	.25				Tom Watson .....	.05	.10
Adams' Extra Early, earliest.....	.10	.25	CUCUMBER			Special Tom Watson.....	.10	.15
Golden Bantam .....	.10	.25	Evergreen White Spine.....	.05	.10	Special Irish Gray.....	.10	.15
Country Gentleman, Shoe Peg.....	.10	.25	Improved Long Green.....	.05	.10	New Wonder .....	.05	.10
Late Mammoth, large.....	.10	.25	Westerfield's Chicago Pickle.....	.05	.10	Stone Mountain .....	.05	.10
Stowell's Evergreen, surest.....	.10	.25	Early Cluster .....	.05	.10	Golden Honey (Yellow).....	.05	.10
Black Mexican .....	.10	.25	Early Frame .....	.05	.10	Angel Kiss .....	.05	.10
Golden Sunshine .....	.10	.25	Boston Pickling .....	.05	.10	Winter Melon .....	.05	.10
Howling Mob .....	.10	.25	Early Fortune .....	.05	.10	Citron .....	.05	.10
Golden Giant .....	.10	.25	Japanese Climbing .....	.05	.10			
Golden Evergreen .....	.10	.25	Gherkin .....	.05	.10	ONION		
Early Evergreen .....	.10	.25	Davis Perfect .....	.05	.10	Large Red Wethersfield.....	.10	.20
			White Wonder .....	.05	.10	Southport Red Globe.....	.10	.20
POP CORN			Snow's Perfection .....	.05	.10	Southport White Globe.....	.10	.20
Japanese Hulless .....	.10	...				Yellow Danvers, flat.....	.10	.20
Dynamite, S. American.....	.10	...				Danvers Yellow Globe.....	.10	.20
						Prize Taker, or Spanish King.....	.10	.20

Order your Garden Seed early. Several varieties of Garden Seed are very short.

ONION—(Continued)		Pkt. Oz.	RADISHES—(Continued)		Pkt. Oz.	TOMATOES—(Continued)		Pkt. Oz.
White Portugal, or Silver Skin...	.10	.20	St. Louis Summer.....	.05	.10	Crimson Cushion .....	.10	.50
Yellow Bermuda .....	.10	.20	French Breakfast .....	.05	.10	Ponderosa .....	.10	.50
Crystal White Wax.....	.10	.20	Long Scarlet Short Top.....	.05	.10	Yellow Ponderosa .....	.10	.50
Sweet Spanish .....	.10	.20	White Strassburg .....	.05	.10	Dwarf Ponderosa .....	.10	.50
Denia (Imp. Prize Taker).....	.10	.20	Icicle .....	.05	.10	Bonny Best .....	.10	.40
MUSTARD			White Vienna, or Lady Finger.....	.05	.10	June Pink .....	.10	.40
Ostrich Plume .....	.05	.10	Chartier Improved .....	.05	.10	Chalk's Early Jewel.....	.10	.40
Black or Brown.....	.05	.10	Round Black Spanish.....	.05	.10	Marglobe .....	.10	.40
White .....	.05	.10	California White Winter.....	.05	.10	Marglobe Certified .....	.10	.50
Chinese Curled .....	.05	.10	China Rose Winter.....	.05	.10	Golden Queen (yellow).....	.10	.50
OKRA OR GUMBO			Sparkler (White Tip).....	.05	.10	Beefsteak .....	.10	.50
Long Green .....	.05	.10	SALSIFY			Gulf State Market.....	.10	.40
White Velvet .....	.05	.10	Mammoth Sandwich Island.....	.10	.25	Rutgers .....	.10	.40
Mammoth Pod .....	.05	.10	SPINACH			Norton Wilt Resistant.....	.10	.40
PARSLEY			Bloomsdale Savoy Leaved.....	.05	.10	Oxheart .....	.10	.50
Moss Curled, very fine.....	.05	.15	Round Thick Leaf.....	.05	.10	Break O' Day.....	.10	.50
Triple Curled .....	.05	.15	All Season .....	.05	.10	Pear Shaped Red.....	.10	.40
PARSNIPS			New Zealand .....	.05	.10	Pear Shaped Yellow.....	.10	.40
Hollow Crown .....	.05	.10	SQUASH			Strawberry or Husk.....	.10	.40
Long Smooth .....	.05	.10	Yellow Bush .....	.05	.10	Yellow Plum .....	.10	.40
White Dutch .....	.05	.10	White Bush Mammoth.....	.05	.10	TURNIPS		
PEPPERS			Giant Summer Crookneck.....	.05	.10	Extra Early Purple Top Milan.....	.05	.15
Chinese Giant .....	.10	.45	Winter Crookneck .....	.05	.10	Extra Early White Top Milan.....	.05	.15
Pimento .....	.10	.45	Hubbard .....	.05	.10	Early White Flat Dutch.....	.05	.10
Large Bell, or Bull Nose.....	.10	.45	Golden Hubbard .....	.05	.10	Purple Top Strap Leaf.....	.05	.10
Cayenne, long red.....	.10	.45	Chicago Warty Hubbard.....	.05	.10	Purple Top White Globe.....	.05	.10
Cayenne, small .....	.10	.45	Mammoth Hubbard .....	.05	.10	Snow Ball .....	.05	.10
Golden Queen .....	.10	.45	Delicious .....	.05	.10	Pomeranian White Globe.....	.05	.10
Sweet Mountain .....	.10	.35	Fordhook, Veg. Marrow.....	.05	.10	White Egg .....	.05	.15
Ruby King .....	.10	.45	Sweet Potato .....	.05	.10	Amber Globe .....	.05	.10
California Wonder .....	.10	.45	Banana .....	.05	.10	Cowhorn .....	.05	.10
Red Chile .....	.10	.45	TOBACCO			Yellow Globe .....	.05	.10
PUMPKINS			Yellow Pryor .....	.10	.50	Seven Top .....	.05	.10
Common Field, Stock.....	.05	.10	Red Burley .....	.10	.50	Shogun Louise Resistant.....	.05	.10
Kentucky Field, Stock.....	.05	.10	Missouri Broad Leaf.....	.10	.50	RUTABAGAS, OR SWEDISH TURNIP		
Large Cheese, all purpose.....	.05	.10	Big Havana .....	.10	.50	American Purple Top.....	.05	.10
Tennessee Sweet, for pies.....	.05	.15	One Sucker .....	.10	.50	White Russian .....	.05	.10
Japanese Pie, for pies.....	.05	.15	Judy's Pride .....	.20	1.00	SWEET PEAS		
Jonathan, for pies.....	.05	.15	TOMATOES			Choice Mixed .....	.05	.10
Small Sugar, for pies.....	.05	.15	(High Class Tested Stock for Canners)			Spencer Mixed .....	.10	.20
King of Mammoth, for pies.....	.05	.15	New Stone .....	.10	.25	NASTURTIUMS		
White Cushaw, for pies.....	.05	.15	Greater Baltimore .....	.10	.25	Tall Mixed .....	.10	.20
Striped Cushaw, for pies.....	.05	.15	Matchless .....	.10	.25	Dwarf Mixed .....	.10	.20
RHUBARB			Red Rock .....	.10	.25	Castor Beans, Flowering.....	.10	.20
Victoria .....	.10	.15	John Baer .....	.10	.25	HERBS		
Linnaeus .....	.10	.15	Dwarf Stone .....	.10	.40	Basil, Sweet .....	.10	...
RADISHES—French Grown Seed			Acme .....	.10	.40	Caraway .....	.10	...
Vick's Scarlet Globe.....	.05	.10	Livingston's Beauty .....	.10	.25	Dill .....	.10	...
Crimson Giant Forcing.....	.05	.10	Livingston's Perfection .....	.10	.25	Fennel .....	.10	...
Early Scarlet White Tipped.....	.05	.10	Livingston's Globe .....	.10	.40	Sage .....	.10	...
Early Scarlet Turnip.....	.05	.10	Dwarf Champion .....	.10	.40	Summer Savory .....	.10	...
			Sparks Earliana .....	.10	.40	Sweet Marjoram .....	.10	...
						Sweet Thyme .....	.10	...

VEGETABLE SEEDS PLANTING GUIDE

Vegetable	Average Number of Seed per Ounce	To Produce a Given No. of Plants	Amount Required for 100 Ft. of Drill	Amount of Seed Required Per Acre	Depth of Planting	Days of Maturity	NUMBER OF PLANTS TO THE ACRE AT GIVEN DISTANCES	
							Dis. Apart	No. Plants
Asparagus	1,000	1 oz. to 800	1 lb.	5 lbs.	1 in.	2 yrs.	12 x 1 in.	522,720
Beans, Dwarf.....	100	.....	1 lb.	40 lbs.	1 in.	45 to 70	12 x 3 in.	174,240
Beans, Pole.....	100	.....	1 lb.	30 lbs.	1 in.	63 to 74	12 x 12 in.	43,560
Beets, Garden.....	1,750	.....	1 oz.	6 lbs.	1 in.	50 to 60	16 x 1 in.	392,040
Beets, Mangel.....	1,200	.....	1 oz.	5 lbs.	5 lbs.	100 to 130	18 x 1 in.	348,480
Brussels Sprouts.....	6,500	1 oz. to 5,000	1/4 oz.	2 oz.	1/2 in.	100 to 120	18 x 3 in.	116,160
Cabbage	5,000	1 oz. to 4,000	1/4 oz.	4 oz.	1/2 in.	*62 to 105	18 x 12 in.	29,040
Carrots	14,000	.....	1/2 oz.	1 lb.	1/2 in.	60 to 85	18 x 18 in.	19,360
Cauliflower	5,000	.....	1/4 oz.	1 oz.	1/2 in.	*52 to 90	20 x 1 in.	313,635
Celery	100,000	.....	1/4 oz.	4 oz.	1/2 in.	120 to 150	20 x 20 in.	15,681
Collards	5,000	.....	1/4 oz.	4 oz.	1/2 in.	100 to 120	24 x 1 in.	261,360
Corn, Sweet.....	125	.....	1/4 lb.	12 lbs.	1 in.	76 to 110	24 x 18 in.	15,520
Cucumbers	1,000	.....	1/2 oz.	1 lb.	1 in.	52 to 72	24 x 24 in.	10,890
Eggplant	4,000	1 oz. to 2,000	1/2 oz.	4 oz.	1/2 in.	100 to 150	30 x 1 in.	209,088
Endive	13,500	.....	1 oz.	2 lbs.	1/2 in.	85 to 100	30 x 6 in.	34,848
Kale	7,500	1 oz. to 5,000	1/4 oz.	1 lb.	1/2 in.	55 to 125	30 x 12 in.	17,424
Kohl-rabi	7,000	.....	1/4 oz.	1 lb.	1/2 in.	55 to 60	30 x 16 in.	13,068
Leek	8,000	.....	1/2 oz.	4 lbs.	1/2 in.	120 to 150	30 x 20 in.	10,454
Lettuce	16,000	.....	1/2 oz.	1 lb.	1/2 in.	61 to 82	30 x 24 in.	8,712
Melon, Musk.....	1,200	.....	1/2 oz.	2 lbs.	1 in.	80 to 115	36 x 3 in.	6,970
Melon, Water.....	225	.....	1 oz.	2 lbs.	1 in.	85 to 130	36 x 6 in.	58,080
Mustard	18,000	.....	1/4 oz.	1 lb.	1/4 in.	40 to 80	36 x 12 in.	14,520
Okra	425	.....	2 oz.	8 lbs.	1 in.	90 to 140	36 x 18 in.	9,680
Onion	12,500	.....	1 oz.	4 lbs.	1/2 in.	125 to 150	36 x 24 in.	7,260
Parsley	17,500	.....	1/4 oz.	1 lb.	1/2 in.	65 to 110	36 x 36 in.	4,840
Parsnips	2,800	.....	1/2 oz.	1 lb.	1/2 in.	125 to 150	42 x 12 in.	12,446
Peas	50 to 150	.....	1 lb.	60 lbs.	1 in.	68 to 85	42 x 24 in.	6,223
Peppers	4,000	1 oz. to 2,000	1/2 oz.	2 oz.	1/2 in.	*55 to 85	42 x 36 in.	4,148
Pumpkins	100	.....	1/2 oz.	4 lbs.	1 in.	75 to 150	48 x 12 in.	10,890
Radishes	5,000	.....	1 oz.	10 lbs.	1/2 in.	23 to 43	48 x 18 in.	7,790
Salsify	4,500	.....	1 oz.	8 lbs.	1/2 in.	115 to 175	48 x 24 in.	5,445
Spinach	3,000	.....	1 oz.	1 lb.	1 in.	40 to 60	48 x 30 in.	4,356
Squash, Summer.....	300	.....	1/2 oz.	4 lbs.	1 in.	65 to 70	48 x 36 in.	3,630
Squash, Winter.....	125	.....	1/2 oz.	1 lb.	1 in.	100 to 140	48 x 48 in.	2,723
Tomatoes	7,500	1 oz. to 3,000	1/2 oz.	1 1/2 oz.	1/2 in.	*64 to 85	60 x 36 in.	2,901
Turnips	10,000	.....	1/2 oz.	1 lb.	1/4 in.	50 to 75	60 x 48 in.	2,178

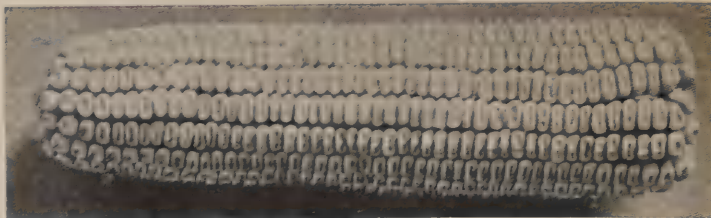
(* This applies to date from transplanting to field.)

Approximate number of feet of row per acre at given distances:

Distance between rows	Feet of row
14 inches.....	29,010
16 inches.....	21,758
30 inches.....	17,427
36 inches.....	14,526
42 inches.....	12,439
48 inches.....	10,853

SEED CORN

A HYBRID CORN ADAPTED FOR
SOUTH MISSOURI
AND NORTH ARKANSAS



Grown in Jackson County, Missouri, the ideal location for the production of this Missouri No. 8 we are offering for this section.

We have made several investigations on Missouri No. 8 in comparison with other hybrids and with open pollinated corn in several sections in Southwest Missouri and have yet to find a dissatisfied planter of Missouri No. 8 Hybrid and we have yet to find a grower who has any other hybrid corn that he thinks more of than the Missouri No. 8 and feel sure that this is the best corn for South Missouri and Northern Arkansas.

Missouri No. 8 over a period of 6 years in experiments conducted by the Missouri Station have shown increases over Reids Yellow Dent of 42% and increases over Midland Yellow Dent of 23% both of which are considered well adapted for use in this state.

1. RESISTS DROUTH, on account of a deeper and larger root system, it obtains moisture and plant food over a wider area.
2. RESISTS INSECTS AND DISEASES, on account of the extreme vigor of the plant, it is more resistant to insect damage and diseases.
3. THE STRONG ROOT SYSTEM, makes it stand well and is less likely to be damaged by wind.
4. It is certified and recommended by the Missouri Agricultural Experiment Station.
5. The grain is less hard and flinty than a number of hybrids and for that reason, it is better for feeding. Maturity is about 110 days.

RED JUNE. Often matures in 65 days. Produces a medium stalk, with two good-sized ears. Is well suited for both lowland and upland. You will certainly be amazed at the large yield from this corn. This special lot of Red June is well adapted for this section as it has been grown here for the past three seasons. Plant a peck of this corn for your early use.

FARM and FIELD SEEDS

ALFALFA. 60 pounds a bushel, sow 20 pounds per acre. Is a perennial legume and will produce more choice feed per acre than any other crop.

GRIMM ALFALFA. 60 pounds a bushel, sow 20 to 25 pounds per acre, differing in type, having the lateral or branching root system in place of the usual main tap root of most alfalfas.

MEDIUM RED CLOVER. 60 pounds a bushel, sow 2 to 12 pounds per acre. One of the most valuable legumes of the clover family. Cut for hay or plow under for soil fertility.

MAMMOTH or SAPLING CLOVER. 60 pounds a bushel, sow 2 to 12 pounds per acre. Resembles the Medium Red but grows coarser and more vigorous.

ALSIKE CLOVER. 60 pounds a bushel, sow 4 to 8 pounds per acre. Grows in wet bottom land also on upland loamy soils, makes wonderful hay and pasture, sown with other grasses.

WHITE DUTCH CLOVER. 60 pounds a bushel, sow 4 to 8 pounds per acre. Very hardy, used extensively for permanent pasture and lawns.

SWEET CLOVER. 60 pounds a bushel, sow 20 pounds per acre. Resembles Alfalfa both in appearance and habit of growth when young. Good land builder, does best on soils containing lime.

HUBAM CLOVER. 60 pounds a bushel, sow 20 to 25 pounds per acre broadcast. Annual Sweet Clover instead of perennial.

JAPAN CLOVER or COMMON LESPEDEZA. 25 pounds a bushel, sow 15 to 25 pounds per acre. Grows most anywhere providing pasture and on some soils makes hay.

TIMOTHY. 45 pounds a bushel, sow 12 to 15 pounds per acre. It is the best known and most extensively grown tame grass in the country.

TIMOTHY and ALSIKE. 45 pounds a bushel, sow 15 to 20 pounds per acre. Adapted for the same kind of soils, matures at the same time, producing a good crop of hay or pasture.



Write for prices on Field Seeds, if your local merchant cannot supply you with STAR BRAND SEEDS. Please mention his name.

REID'S YELLOW DENT. Thoroughbred, pedigreed, carefully selected stock. It is of handsome shape and color and largely grown for exhibiting at fairs, and is used by many corn schools as a standard for judging, and is too well known to require lengthy description. Matures in about 115 days.

ST. CHARLES WHITE. The famous Ensilage Corn of the South. We have improved this type and have perfect success with it in this climate. Matures in 110 to 115 days. Pure white corn, red cob, medium small; grain extra deep, ear transparent white.

GATE POST. This is now one of the most prominent late varieties of Yellow Dent Corn in the country. It matures in about 115 days.

HICKORY KING. This is an entirely distinct variety among the white corn, the largest grain, the smallest cob. It is a great yielder, makes most excellent hominy.

NEAL'S PAYMASTER. 100-day corn. Is well suited for both lowland and upland. Produces a medium stalk with two good ears, broad white grains on a red cob, fills out well.

BOONE COUNTY WHITE, IMPROVED LEAMING, IOWA SILVER MINE, IMPROVED GOLDEN BEAUTY, IOWA GOLD MINE, BLOODY BUTCHER, STRAWBERRY CORN, SWEET CORN FOR FODDER.

MEXICAN JUNE CORN. One of the standard silo corns; good big stalks and ear.

TREAT SEED CORN with NEW IMPROVED SEMESAN JR.—Treatment of heavily diseased seed increases yields as much as 21 bushels per acre.

TIMOTHY and CLOVER. 45 pounds a bushel, sow 15 to 20 pounds per acre. A very practical mixture for hay.

KENTUCKY BLUE GRASS. 14 pounds a bushel, sow 20 to 30 pounds per acre. The foundation of hardy lawns and a natural pasture grass.

RED TOP. 14 pounds a bushel, sow 15 to 20 pounds per acre. A hay and pasture grass, succeeds on most kinds of soils, especially wet natured land.

ORCHARD GRASS. 14 pounds a bushel, sow 14 pounds per acre. Hay and pasture grass furnishes good pasture both very early spring and late fall. Coarse growing bunch grass.

MEADOW FESCUE or ENGLISH BLUE GRASS. 25 pounds a bushel, sow 20 to 30 pounds per acre. Valuable, hardy pasture grass, suited almost to every climate, dry or wet, hot or cold.

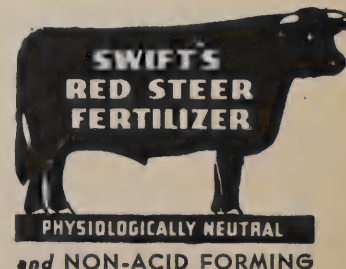
FERTILIZERS

YOU WILL BE SATISFIED, TOO!

Use some of that improved Red Steer Fertilizer yourself this year and be one of the thousands who are getting the most from their crops. Swift's Red Steer Fertilizer is now BOTH Non-Acid Forming and Physiologically Neutral. Your neighbor has probably told you what this means in terms of better corn, wheat, barley, oats, potatoes, tomatoes, and other truck and field crops.

Cash in on the benefits this modern development of science can give you. It costs no more than ordinary fertilizer.

We recommend it and have on hand the proper analysis for your farm. Prices on request.





Star Brand IN SEALED BAGS, PURITY AND GERMINATION CERTIFICATE ATTACHED SEEDS

For forty years the farmers of the Ozarks have put their faith in "Star Brand Seeds" in sealed bags. Why? Because "Star Brand" Seeds are of the highest type, fully matured, perfectly re-cleaned, analyzed for purity and tested for germination. To enable you to secure your seeds at the lowest price we have local representatives in every community who order their seeds in large quantities or car-load lots. You can save money by ordering through our local representative.

GERMAN MILLET. We secure our Big German Millet seed only from the section that produces Big Type German Millet. The best of the millets, it is very prolific and produces an abundance of good hay when cut in the bloom stage. Makes a good catch crop following wheat or oats and its quick growth insures you of a large quantity of sweet, palatable and milk-producing hay. Is sometimes sown with early cowpeas at the rate of three pecks of millet to a bushel of cowpeas. Be sure to get the true type Big German Millet as it is not to be compared to other varieties.

KOREAN LESPEDEZA. The finest of legumes for reclaiming worn out soil. A good drought resistant; it has won the distinction of being the best Summer Legume pasture which so far has been introduced in this country. It will stand heavy grazing from early summer until killed by frost. Is ideal in permanent pasture mixtures with

Blue Grass, Orchard Grass or Red Top, Alsike and White Clover, and matures before smothering out of the fall grasses. Makes an excellent hay, comparing favorably with Alfalfa in feeding value. No preparation of the seed-bed is necessary; it is adapted to any soil, and is at its best when other grasses and clovers are dormant. Sow 20 to 25 pounds per acre alone, or 10 pounds per acre in pasture mixtures. Although an annual it reseeds itself where seed is allowed to mature.

ATLAS SORGO. Produced more grain and forage in 1939 than any other sorghum. Many crops produced 10 to 20 tons per acre. The most popular of the grain sorghums. It is an enormous yielder of both forage and grain. The stalk and branches are both sweet and the grain is the most palatable of all the sorghums. It is the most valuable grain sorghum to grow because of its drought resisting qualities.

CRIMSON CLOVER. Sow 20 pounds per acre. Makes an excellent green grazing crop during the winter and early spring. Very practical to sow with the fall seeding grains and is a splendid soil improving crop.

SUDAN GRASS. A quick growing summer hay grass, often yielding two or three cuttings a season. The entire plant is eaten by stock and well liked. More and finer hay is secured when the seed is sown broadcast and often produces four tons or more to the acre. As an emergency pasture crop Sudan Grass has few equals. Also used as an ensilage and has about an equal value to corn silage. It is a very good drought resistant. Should be sown about two weeks after corn planting time, but can be sown up to the first week in July.

INOCULATE ALL LEGUME SEEDS WITH

NITRAGIN

1898—FORTY THREE YEARS OF SERVICE—1941

When ordering, Always state name of seed.

ALFALFA, all Clovers

Size	Retail
1/2 bu. each...	.30
1 bu. each...	.50
2 1/2 bu. each...	1.00

PEAS (All Varieties) VETCHES (All Varieties)

1/2 bu. each...	.25
1 bu. each...	.35
1 1/3 bu. each...	.55
5 bu. each...	1.50
12 1/2 bu. each...	3.60

BEANS String, Wax, Kidney

1/2 bu. each...	.25
1 bu. each...	.35
5 bu. each...	1.50

*The 30 bu. size as listed above is a carton which contains six 5 bu. size cans.

LESPEDEZA

Size	Retail
Small (Inoculates up to 50 lb. seed)	...\$.45
Large (Inoculates up to 100 lb. seed)	...\$.65

SOYBEANS, LIMA BEANS, COW PEAS, PEANUTS

Small, (Inoculates up to 120 lb. seed)	\$.30
*5 bu. each	... .58
25 bu. each	... 2.60
(One can)	
*30 bu. each	... 3.45
(6-5 bu. cans)	

GARDEN SIZE Garden Peas & Beans Sweet Peas & Lupines

Enough for 6 lbs. seed
Retail Price 10c each

GRASS SEEDERS



CAHOON. A splendid seed sower that will pay for itself in a few days in the time saved. Each.....\$3.50
CYCLONE. Each..... 2.35
THE HORN. Each..... .90

Postage extra, 15c each.

Star Brand RED CLOVER

The very reasonable price of Red Clover at the present time makes it exceptionally desirable to get a part of the farm back in this crop. Red Clover is the best known of the hay crops and qualifies for benefits under the Government program. It should be particularly desirable this season to get Red Clover again established throughout this section and the reasonable price should encourage it this year.

FARM and FIELD SEEDS—(Cont'd)



DOMESTIC RYE GRASS. 24 pounds a bushel, sow 40 to 50 pounds per acre. A perennial, fine leaved grass, valuable as a green forage plant on land not easily cultivated.

BROME GRASS or BROMUS INERMIS. 14 pounds a bushel, sow 20 pounds per acre. Noted for its drouth resisting qualities and is adapted to many soils. Big producer, makes good pasture.

BUCKWHEAT. 52 pounds a bushel, sow 35 pounds per acre. There are two distinct varieties, Japanese and Silverhull. The Japanese variety is regarded earlier. They can be sown as second crop following Barley, Rye, Wheat and Oats. Good for bees.

WINTER BARLEY. Mo. Early Beardless. 41 pounds a bushel, sow 95 to 100 pounds per acre. It makes a quick growing crop of most excellent and nutritious feed either to use green or cure for hay. About ten days earlier than other Winter Barley.

WINTER BARLEY. Beardless, 48 pounds a bushel, sow 95 to 100 pounds per acre. A good grain and pasture plant but not as good producer as the bearded variety.

WINTER BEARDED BARLEY. 41 pounds a bushel, sow 95 to 100 pounds per acre. A very hardy variety and is used for heavy pasturing during the winter months, from which large yield of grain may be harvested. The best winter pasture variety.

BROOM CORN. 48 pounds a bushel, plant 5 to 8 pounds per acre. We handle the four standard varieties, Improved Evergreen, Dwarf Evergreen, Black Spanish and White Italian.

RAPE. Dwarf Essex, 50 pounds a bushel, sow 8 pounds per acre. Provides pasture for all kinds of stock. Makes a large yield of green forage per acre and is very fattening. A good green manure crop.

SUNFLOWER. Mammoth Russian, sow 7 pounds per acre. Produces heads of an immense size, 15 to 20 inches in diameter, fine for poultry.

RYE. Winter and Spring, 56 pounds a bushel, sow 1 to 1½ bushels per acre. Has long been recognized as one of our best grains for winter pasture.

BALBOA RYE. Introduced in the last few years, grows much faster than any other rye. Stools much heavier, which means doubling the amount of grazing per acre. Also a much heavier grain producer, starts earlier and keeps green longer. Sow 1 to 1½ bushels per acre.

VETCH. Sand or Hairy and Spring, 60 pounds a bushel, sow 60 pounds per acre. Splendid variety of forage plant, hardy, valuable winter cover crop. Land builder.

FLAX FOR SOWING. 56 pounds a bushel, sow 35 pounds per acre. Grown in several states for the seed.

FETERITA. 50 pounds a bushel, sow 25 pounds per acre. The grain is white, large and softer than Kaffir. Matures early.

TEOSINTE. 2 to 3 pounds plants an acre. Can be cut several times during the season yielding enormously in warm climates.

MUNG BEANS. 8 pounds of seed plant an acre. Seeds are small, matures about 15 days earlier than Soy Beans or Cow Peas and produce larger cuttings of hay.

EGYPTIAN WHEAT or SHALLU. 10 lbs. of seed to the acre in drills. Makes large heads and famous for hen feed.

OATS. 32 pounds a bushel, sow 1 to 2½ bushels per acre. Leading varieties for the Ozarks: Texas Red Rustproof, Lincoln White, Kanota, Winter Turf, Columbia, Fulghum.

WHEAT. 60 pounds a bushel, sow 90 pounds per acre. Full-caster, re-cleaned winter soft. Fulohio, re-cleaned winter soft.

HEGARI. 50 pounds a bushel, drill 8 to 12 pounds per acre. Resembles White Kaffir but the heads are larger, stalks contain more sugar.

FODDER CANE SEED. 50 pounds a bushel, sow 75 to 100 pounds per acre. For fodder. Leading varieties used: Early Orange, Standard Orange, Early Black Amber, Grohoma, Red Top, Texas Seeded Ribbon, Japanese Honey Drip, Darso.

MILLET. 50 pounds a bushel, sow 25 pounds per acre. The German type is most widely grown. **WHITE WONDER** is also very popular, produces even larger heads than the German type. **HOG MILLET** or Manitoba not so much for hay but yields enormous quantities of seed. **JAP MILLET** or Billion Dollar Grass, a wonderful hay producer, adapted to all sections and especially fine for low ground.

MILO MAIZE. 50 pounds a bushel, sow 40 pounds to the acre. A bigger grower, noted for its drouth resisting qualities.

WHITE KAFFIR CORN. 50 pounds a bushel, sow 35 pounds per acre. Standard of all kaffirs.

SUDAN GRASS. 40 pounds a bushel, sow 25 pounds per acre. A tall, leafy, annual grass of the sorghum family. Wonderful hay and pasture crop.

COW PEAS. 60 pounds a bushel, plant broadcast 60 pounds to an acre. Drilled ¼ bushel per acre. There is no cheaper way to improve poor land than by growing Cow Peas. They add nitrogen and improve the mechanical condition of the soil. Leading varieties are: Whippoorwill, Black Eye, Mixed, New Era, The Clay, Canada Field, Red Ripper, Sugar Pea, Blue Goose, Brown Eyed, Lady Pea.

VELVET BEANS. ½ bushel to the acre.

JOHNSON GRASS. 25 pounds a bushel. Sow 20 pounds to the acre. (Prohibited in some states.)

SOY BEANS. 60 pounds a bushel, plant 1 bushel per acre. They make poor land good, they make good land better. Soy Bean hay contains a high per cent of protein, is superior to Cow Peas in feeding value and as a milk and butter producer is equal to Alfalfa and superior to Cotton Seed meal. The beans and bean meal contain about 35% of digestible protein and stock eat them with relish and thrive on them. Virginia, Early Yellow, Wilson (Early Black), Illini, Laredo, Manchu.

SEMESAN

Quickens germination and increases the percentage of germination in seeds; produces stronger and more vigorous plants that will produce better crops; arrests or destroys most of the fungus and bacterial diseases carried on the surface of seeds, and black rot, blights, anthracnose and blackleg in many garden vegetables. 1 ounce treats 15 pounds of tobacco and vegetable seeds. ½-oz. pkt., 10c; 2-oz. can, 35c; 1-lb. can, \$2.25; 5-lb. can, \$10.00, not postpaid.



SEED DISINFECTANTS

For Corn—Helps protect seed corn from rotting, allows earlier planting, hastens and increases germination and produces sturdier plants; usually controls seedling blight, reduces root and stalk rots, makes the stalk stand up better, improves the ear and increases the yield.

1½ ounces treat a bushel of shelled corn. ½-oz. pkt., 13c; 4-oz. can, 30c; 1-lb. can, 75c; 5-lb. can, \$3.00, not postpaid.

For Potatoes—Protects potatoes against both seed-borne and soil-borne diseases; produces a better stand of healthier plants; increases the yield of potatoes that mature earlier, are of better quality and cleaner potatoes that will keep longer. Use it for both sweet and white or Irish potatoes. One pound makes 7½ gallons of dip that is effective to the last drop, and will treat 60 to 80 bushels. 2-oz. pkg., 25c; 4-oz. pkg., 45c; 1-lb. pkg., \$1.50; 5-lb. pkg., \$6.50, not postpaid.

TREAT WITH QUICK, EASY
SEMESAN BEL
DIP FOR LARGER POTATO CROPS

For Oats, Barley, Sorghums, Wheat—Effective in controlling covered smut and stripe of barley, oat smuts, and bunt or stinking smut of wheat, kernel smuts of sorghums. It improves the stand and yield of grains 1 to 2 bushels to the acre. A pound treats 32 bushels at a cost of 1½ to 2½ cents a bushel. pkg., \$3.25, not postpaid.

TREAT ALL CEREAL SEED WITH
CERESAN
FOR GREATER YIELDS

4-oz. can, 30c; 1 lb., 75c; 5-lb.

For Cotton—Treated cotton seeds produce better stands of vigorous plants and usually increases the yield; allows earlier planting; reduces damping off; prevents seed from rotting in cold, wet soil, and controls many cotton diseases. Three ounces treats a bushel of seed. 1 lb., 70c; 5-lb. pkg., \$3.00, not postpaid.

TREAT COTTON SEED WITH
2% CERESAN
FOR BETTER STANDS AND YIELDS



FRUIT SECTION

APPLES

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid	\$0.25	\$1.05	\$1.90	\$4.25
3-4 ft., prepaid .....	.30	1.25	2.25	5.00
4-5 ft., not prepaid.....	.40	1.75	3.20	7.50

EARLY—

YELLOW TRANSPARENT. Season, July. Fruit clear white, becoming pale yellow when fully ripe; flesh fine grained, of splendid quality.

EARLY HARVEST. Season, July. The fruit has a tart flavor, is a bright straw color, and is borne in profusion.

RED JUNE. Juicy, red; very early; bears young.

DUCHESS. Red and yellow; good and juicy.

FALL—

GRIMES GOLDEN. Highest quality; good for eating out of hand, for pies, marmalade and dumplings. Bright yellow with pink cheeks.

JONATHAN. Best known and best beloved of all apples. Bright red fruit, high flavor; bears young and abundantly.

WEALTHY. Strong grower. Juicy, bears young, yellow deeping red.

WINTER—

RED DELICIOUS. Fine grained, juicy, mild. A wonderful eating apple. Color light green shaded to dark red. You need this apple.

MAMMOTH BLACK TWIG. Fruit large, highly colored and very attractive. Tree a very strong grower.

WINESAP. December to April. Medium size, dark red, juicy, mild. Good to eat "as is" or for jellies, pies or marmalade.

YELLOW DELICIOUS. Some say the quality is better than even the Red Delicious. A dependable cropper and a good keeper.

CRAB APPLES

TRANSCENDENT. Season, September. Fruit medium to large, firm and crisp, very juicy. Fine for preserves, cider, jelly.

WHITNEY CRAB. August and September. Large, attractive. Yellow striped red; good for dessert and culinary uses.

CHERRIES

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid	\$0.40	\$1.85	\$3.50	\$8.25
3-4 ft., prepaid .....	.50	2.25	4.25	10.00
4-5 ft., not prepaid.....	.60	2.75	5.25	12.50

EARLY RICHMOND. Medium size, dark red, very juicy; exceedingly productive and hardy.

MONTMORENCY. About ten days later than Early Richmond. The famous pie cherry. The fruit is large, red, mildly acid.

APRICOTS

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid	\$0.30	\$1.25	\$2.25	\$4.25
3-4 ft., prepaid .....	.40	1.75	3.25	5.50
4-5 ft., not prepaid.....	.45	2.00	3.75	8.50

HARDY RUSSIAN (Superb). Perfectly hardy and very productive. Fine quality, firm and solid flesh. Yellow with slight bluish.

MOORPARK. Orange-yellow, large; flesh sweet, juicy and rich. August.

PEACHES

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid	\$0.22	\$1.00	\$1.75	\$3.25
3-4 ft., prepaid .....	.27	1.25	2.25	4.75
4-6 ft., not prepaid.....	.40	1.85	3.50	7.50

CHAMPION (Freestone). Flesh white with red at the pit; one of the best in quality and hardness. Ripens midseason.

RED BIRD (Clingstone). The best of the early peaches. Good size, white flesh, good flavor. Hardy, vigorous, productive.

GOLDEN JUBILEE (Freestone). Fruit of enormous size, golden yellow, rich and syrupy. Ripens extra early. A new commercial variety.

HALEHAVEN (Freestone). Combines the best qualities of the J. H. Hale and South Haven. Yellow meat, early. Another new variety.

ELBERTA (Freestone). Our best-known peach; very productive, large size; a good keeper; flesh pale yellow, tender and juicy.

J. H. HALE (Freestone). Very large, deep golden yellow, of delicious flavor. Tree very hardy and productive.

PEARS

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid	\$0.30	\$1.25	\$2.25	\$5.00
3-4 ft., prepaid .....	.40	1.75	3.25	7.00
4-6 ft., not prepaid.....	.45	2.00	3.75	8.75

BARTLETT. Ripens in August and September. Large size, buttery flavor, very juicy; bears abundantly.

DOUGLAS—Ripens in late September. Larger than Bartlett, flesh fine grained, juicy and tender. Productive and blight-resistant. Bears the second year and is a sure crop.

KIEFFER—Ripens in October. Fruit large, juicy and melting. Tree hardy and vigorous; most profitable to grow.

PLUMS

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid.....	\$0.25	\$1.00	\$1.80	\$4.00
3-4 ft., prepaid.....	.30	1.25	2.25	5.00
4-6 ft., not prepaid.....	.40	1.75	3.25	7.50

AMERICA. Fruit of golden yellow with red cheek, of good size. Almost frost-proof. Ripens in late July.

BURBANK. Early, dark red, large.

COMPASS CHERRY PLUM. Fruits heavily. Bears very young. Red.

SHROPSHIRE DAMSON. Good for preserving. Flesh amber colored, juicy and spicy; tree vigorous and hardy. August-September.

WANETA. The giant of the hardy plums. Highly flavored, richly colored red skin.

GOLD. Orange-yellow and red, flesh yellow, firm and meaty; a clingstone.

SAPA. Glossy, dark purple, red flesh. Excellent for eating right from the tree and makes the most delicious wine-colored sauce.

GARDEN ROOTS

ASPARAGUS. Washington Rust Proof. For tender green tips in early spring. 25 roots, 35c, prepaid; 100 roots, \$1.25, prepaid.

RHUBARB (Pieplant). Large stems in early spring for pie-making and stewing. Plant shallow in your richest soil to grow the largest stalks. 1 roots, 50c prepaid; 12 roots, \$1.00, prepaid.

HORSERADISH. To be dug in late winter or early spring for an appetizing relish. 12 roots, 30c prepaid.

GARDEN SAGE. The dried leaves are very aromatic and are used for seasoning. 3 plants, 50c prepaid.

NEW PARADISE ASPARAGUS

(INTRODUCERS' DESCRIPTION)

Sensational NEW, early maturing variety. Produces normal crop ONE YEAR EARLIER than other varieties and produces heavier throughout its life. Large, crisp, tender stalks with exceptionally fine, mild flavor. Only six or eight stalks required to the pound. Ideally suited for freezing, the superior taste being retained after freezing for the market. Is as strongly rust resistant as the Martha Washington variety. A new, better variety that will take the country by storm. An excellent variety for home gardens, commercial growers, and shippers.

Introduction Price: 25 roots, \$1.00;
100 roots, \$3.00; prepaid.

Tune in on Radio Station KWTO and listen to our Sunday Bouquet Program, each Sunday Morning from 9:00 to 9:30 A. M.

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SMALL FRUITS

GRAPES

Plant in rows ten feet apart, eight feet apart in the row. Can be planted along the fence and turn that waste ground to a most profitable crop. Prices prepaid.

	Each	Per 5	Per 10	Per 25	Per 100
CONCORD , Black, mid season,					
large	\$0.12	\$0.40	\$0.70	\$1.50	\$5.00
MOORE EARLY , Black, early,					
large, sweet .....	.15	.60	1.00	2.00	7.00
CACO , Red, early, large, prolific.	.20	.90	1.70	3.75	...
FREDONIA (New), Black, early					
good quality .....	.20	.90	1.70	...	...
NIAGARA , White, midseason,					
large .....	.15	.60	1.00	2.00	7.00
CATAWBA , Purplish red, late,					
large .....	.15	.60	1.00	2.00	7.00

15 Concord Grapes for \$1

Concord Grapes, the standard by which all other grapes are measured. Large, full-flavored fruit borne in great abundance, ripening over a long season. Unsurpassed for jelly, marmalade, or juice. Vines hardy and easily grown.

15 Concord Grapes, 2 year vines, for \$1.00, prepaid.

CHINESE ELM SEEDLINGS

A splendid lot of large-size seedlings for extensive plantings.

65 Seedlings, 18-24 inches tall, for \$1.00, prepaid.

BERRY PLANTS

	Doz.	25	100
BOYSENBERRY . A berry twice the size of a Youngberry, with a combination flavor of Loganberries, Raspberries and Blackberries. Produces berries over about 2½ months' period of time. Prepaid.....	\$1.00	\$1.75	\$5.25

BLACKBERRIES

EARLY HARVEST . One of the earliest berries, medium sized, good quality and very productive. Prepaid.....	.60	1.10	3.25
ELDORADO . Fruit handsome in appearance and of high quality. Ripens in early mid-season. Immune to blackberry rust. Prepaid .....	.60	1.10	3.25
DEWBERRIES . Lucretia. Large sweet coreless berries, mild flavor. Make fine pies and firm jellies. Prepaid.....	.60	1.10	3.25
YOUNGBERRIES . Large black-purple berries over an inch long. Heavy yielding. Prepaid. ....	.60	1.10	3.25

Any COMPLAINT whatever to be registered immediately upon receipt of shipment, otherwise we will not entertain any complaints.

STRAWBERRIES

AROMA, (Late). Favorite market and home garden variety. Berries wedge-shaped, very deep red, solid, rich and delicious. 50 for 50c; 100 for 75c; 200 for \$1.35; 500 for \$2.95; 1,000 for \$3.95, prepaid.

NEW DORSETT. Is a mammoth, brilliant berry; a tremendous yielder with fine flavor. The fruit is firm and delicious, consistently bringing higher prices on all the markets. Dark red, extra firm for shipping and market. Holds its large size throughout its long-bearing season. 50 for 50c; 100 for 85c; 200 for \$1.55; 500 for \$2.95; 1,000 for \$4.25, prepaid.

BLAKEMORE, (Extra Early). This fine variety has proved its worth during these drought years, producing large crops under most adverse conditions. Firm, excellent color, heavy producer. 50 for 45c; 100 for 69c; 200 for \$1.25; 500 for \$2.45; 1,000 for \$3.75, prepaid.

SENATOR DUNLAP, (Medium Late). The old reliable berry that thrives everywhere, producing big crops on all soils. A favorite for canning, table and market. 50 for 45c; 100 for 69c; 200 for \$1.25; 500 for \$2.45; 1,000 for \$3.75, prepaid.

NEW GEM EVERBEARING STRAWBERRY. Has proved itself to be the most outstanding everbearing Strawberry yet introduced, vigorous, hardy plants bearing as heavily in the spring as any spring-bearing variety, yet producing an abundance of the finest berries from July to November. 50 for \$1.00, postpaid.

RASPBERRIES

Per Dozen	Per 25	Per 100
\$0.60	\$1.00	\$3.25 prepaid

BLACK—

CUMBERLAND. Fruit large and firm; keeps and ships well. Stout, well branched canes that produce immense quantities of fruit.

NEW LOGAN. Most dependable black raspberry known. Earlier than the Cumberland; a heavy cropper, though a short season.

RED—

CHIEF. Extra early, extra large size, extra firm. Plants will stand hot, dry weather or severest winters.

LATHAM. Large fruit, richly brilliant red; most attractive. Perfectly hardy and a heavy crop producer.

ST. REGIS. Very long fruiting season. Berries of large size and of surprising quality.

15 VICTORIA GIANT RHUBARB

Whole Roots, \$1.00, Prepaid.

VINES

	Each	2 for
BOSTON IVY . Clings to smoothest wall; foliage dense; very hardy. Prepaid.....	\$0.30	\$0.50
ENGLEMAN'S IVY . Five-leaf ivy that clings to wall or climbs a fence. Green in summer, beautiful scarlet in fall. Prepaid.....	.25	.45
CLEMATIS JACKMANNI . Dark purple flowers from four to six inches across. July to October. Prepaid .....	.75	1.40
SILVER LACE VINE (Polygonum). A rapid grower, bears a great mass of white flowers in late summer. Prepaid .....	.45	.80
CLEMATIS PANICULATA (Sweet Autumn Clematis). Luxuriant grower, blooming profusely in early autumn. Prepaid .....	.25	.45
WISTERIA . Purple. Rapid growing and elegant. Pale blue flowers borne in great clusters. Prepaid .....	.30	.50
HALL'S JAPAN HONEYSUCKLE . Nearly evergreen; flowers white to yellow, very fragrant. Prepaid .....	.25	.45
SCARLET TRUMPET HONEYSUCKLE . Bright scarlet flowers in profusion. Prepaid.....	.25	.45
GOLDFLAME HONEYSUCKLE . Prepaid.....	.65	1.00
BITTERSWEET . Orange-yellow seed pods bursting open to show scarlet seeds, very attractive in early winter. Prepaid30	.50

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SHADE TREES

 NOT
PREPAID

	Size	Each	2 for	5 for
Transplanted Stock (not seedlings)—				
BIRCH, WEeping (Cutleaf or Silver)	4-5 ft.	\$1.50	....	....
	5-6 ft.	2.00	....	....
CATALPA BUNGEI (Umbrella Catalpa). Trimmed ready to plant. 2 year heads.....		1.10	2.00	....
ELM, AMERICAN. With wide-spread and drooping branches, this is our best street tree	5-6 ft.	.60	1.15	2.75
	6-8 ft.	.80	1.50	3.50
ELM, CHINESE. Rapid growing and dense foliage	5-6 ft.	.65	1.25	2.85
	6-8 ft.	.90	1.70	4.00
MAPLE, SILVER. Grows rapidly into very large tree, foliage light green with silvery underside.....	5-6 ft.	.60	1.15	2.75
	6-8 ft.	.80	1.50	3.50
OAK, PIN	5-6 ft.	1.50	2.75	....
POPLAR, BOLLEANA. The best of all poplars	5-6 ft.	.85	1.60	....
	6-8 ft.	1.00	1.90	....
POPLAR, LOMBARDY. Tall, slender trees for screens and backgrounds.....	5-6 ft.	.40	.70	1.50
	6-8 ft.	.50	.90	2.00
SYCAMORE, AMERICAN	6-8 ft.	.80	1.50	....
WILLOW, GLOBE. 2 year heads.....	4-5 ft.	.45	.80	....
	5-6 ft.	.60	1.10	....
WILLOW, RUSSIAN GOLDEN WILLOW	4-5 ft.	.40	.75	....
	5-6 ft.	.50	.90	....
WILLOW, THURLOW WEEPING	4-5 ft.	.45	.80	....
	5-6 ft.	.60	1.10	....

Above Not Prepaid.

CHINESE ELM SHADE TREES

Fine large trees, sturdy and strong, for quick shade.

8 trees, 3 to 4 feet tall, for \$1.00, prepaid.

For Flowers, use
VIGORO

FLOWERING TREES

	Size	Each
BECHTEL'S FLOWERING CRAB. A beautiful, compact tree with double pink flowers; very fragrant. Prepaid	2-3 ft.	\$0.75
FLOWERING PEACH. Few plants are more striking when in bloom than the flowering peach. Available in pink, red, white or Peppermint Stick, (red and white flowers)	3-4 ft.	.50
		.75
HOPA FLOWERING CRAB. Pink flowers, red fruit, rapid growers.....	3-4 ft.	.75
PRUNUS CISTENA. One of the best purple leaf plums; semi dwarf.....	3-4 ft.	.75
PRUNUS NEWPORT. A rapid growing purple leaf plum	3-4 ft.	.75
PRUNUS TRILOBA. A double-flowering small tree; similar to Flowering Almond but in tree form	3-4 ft.	.75
REDBUD (Judas Tree). Bright lavender flowers in early spring before the foliage appears.....	3-4 ft.	.60
THORN, PAULS SCARLET. Double scarlet flowers	3-4 ft.	1.35

Above Prepaid.

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HEDGES



An ornamental hedge speaks for itself. It frames the lawn and gives it a background. On the smaller grounds the low hedges are used, while for larger grounds and for screening purposes, the larger growing kinds are used. In most cases they should be planted one foot apart.

	Per 12	Per 25	Per 100
Plants 1 to 1½ ft. tall, branched.			
AMUR RIVER PRIVET (Hardy Russian Privet). The hardiest of all. Holds its leaves until severely cold weather. Prepaid.....	\$0.80	\$1.35	\$4.75
AMUR RIVER SOUTH PRIVET (For planting south of the Ohio River). Graceful habit of growth, very dense and almost evergreen. Prepaid .....	.80	1.35	4.75
JAPANESE BARBERRY (Thunbergi). Can be grown as an unformed or formed hedge. Foliage is bright green turning to orange-scarlet in fall. Bright red berries all winter. Prepaid .....	.80	1.35	4.75
CALIFORNIA PRIVET. Rich, dark green, lustrous leaves. Not quite so hardy as Amur River privet, but will come again if frozen back. Prepaid .....	.60	1.10	3.85
SPIREA VANHOUTTEI. Makes one of the most beautiful and graceful of all hedges. Prepaid. ....	.80	1.35	4.75

PEONIES and BLEEDING HEARTS

Ea., 35c; 4 for \$1.10, prepaid.



OLD FASHIONED BLEEDING HEART. You will be delighted with the long, graceful sprays of pink heart-shaped flowers that bloom early in the spring.

PEONIES. Always popular, always dependable. We offer three of the best varieties.

Edulis Superba. Bright glowing pink.

Festiva Maxima. Snowy white.

Felix Crousse. Brilliant red.

WINDBREAK TREES

	Size	Prepaid Per 25	Prices Per 100	Per 200
CATALPA. Large, broad leaves and creamy white blossoms.....	8-12 in.	\$0.30	\$0.90	\$1.50
	12-18 in.	.35	1.10	1.95
CHINESE ELM. Drouth-resistant and rapid growing.....	12-18 in.	.40	1.20	2.25
	18-24 in.	.60	1.65	3.00
	2- 3 ft.	.85	2.50	4.50
	3- 4 ft.	1.40	5.00	...
AMERICAN ELM	18-24 in.	.60	1.65	3.00
	2- 3 ft.	.85	2.50	4.50
	3- 4 ft.	1.40	5.00	...
BLACK LOCUST	12-18 in.	.35	1.10	1.95
	18-24 in.	.60	1.85	2.95
HONEY LOCUST	6-12 in.	.35	1.10	1.95
	12-18 in.	.60	1.85	2.95
	18-24 in.	.85	2.50	4.50
OSAGE ORANGE "Hedge".....	6-12 in.	.30	.90	1.50
	12-18 in.	.35	1.10	1.95
	18-24 in.	.50	1.50	2.90
RUSSIAN OLIVE	12-18 in.	.75	2.50	4.50
	18-24 in.	1.15	4.00	7.50
RUSSIAN MULBERRY	12-18 in.	.35	1.10	1.95
	18-24 in.	.60	1.85	2.95
	2- 3 ft.	.85	2.50	4.50

ORNAMENTAL SHRUBS

2-Year, 1 to 1½ Feet **3-Year, 1½ to 2 Feet**

Each 30c, prepaid. 6 for \$1.50, prepaid, your choice.
12 for \$2.60, prepaid, your choice.

Each 40c, prepaid. 6 for \$2.10, prepaid, your choice.
12 for \$3.75, prepaid, your choice.

Quantities less than 6 take each rate.

ALTHEA (Rose of Sharon). Fine free-flowering shrubs or small trees. Blossoms of red, pink, purple or white, borne in August and September.

BUTTERFLY BUSH FARQUHARI. Better than the common Butterfly Bush; its lilac-purple flowers are borne in abundance throughout the summer and fall.

DEUTZIA, PRIDE OF ROCHESTER. Early blooming, flowers large, white tinged with rose.

DOGWOOD, RED TWIGGED. Smooth, slender, bright red branches in winter make a very pleasing contrast with evergreens and snow. Small white blossoms in summer.

GOLDEN BELL (Forsythia). A cascade of bright yellow flowers in early spring, followed by dark green foliage.

GOLDEN ELDER. Bright yellow foliage, white flowers.

HONEYSUCKLE, TARTARIAN PINK. A large-growing bush that will stand much abuse. Pink flowers in spring. May be sheared to form a dense hedge.

JAPANESE BARBERRY. Low-growing, dense; glossy green foliage in summer turning to coppery red in the fall, followed by brilliant red berries.

JAPANESE QUINCE (Fire-in-the-Bush). A brilliant mass of red in early spring with glossy green foliage throughout the summer.

MOCK ORANGE. Pure white, fragrant flowers in early spring.

PURPLE LILAC. An old favorite but still good. Very fragrant.

SNOWBERRY CHENAULTI. Pink flowers, red fruit dotted white; gracefully arching branches, very small leaves.

SNOWBERRY, WHITE. Large waxy-white flowers in fall and winter.

SPIREA FROEBELI. Pink Dwarf Spirea. Flowers of a pleasing pink shade. Somewhat taller habit of growth than Spirea Anthony Waterer.

SPIREA ARGUTA. Early white flowers. Medium in height. Feathery foliage. Hardy.

SPIREA THUNBERGI. White blossoms in earliest spring, foliage fine and feathery, making it an admirable foundation plant.

SPIREA VAN HOUTTE (Bridal Wreath). Best known and most widely used of all shrubs. Long sprays of white flowers completely cover the shrub in spring. Will grow anywhere in shade or sun.

TAMARIX, BLUE. Tall growing; makes a splendid hedge or background. Fine foliage; flowers of lively pink blooming two or three times during season.

TAMARIX, GREEN. Quite similar to the Blue Tamarix, but foliage of deep green and flowers of lighter shade.

WEIGELA. Pink flowers are large, trumpet-shaped, blooming in June and July.

WILLOW, PUSSY. Gray catkins in earliest spring. Fine for cutting.

10 SPIREA VANHOUTTEI

(BRIDAL WREATH)

SPECIAL OFFER NO. 102

Blooming Size, 18-24 in., \$1.00. Prepaid.



Hydrangea, Hills of Snow

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Spirea (Bridal Wreath)

BETTER SHRUBS

ALL PRICES PREPAID

	Size	Each	Per 2
ALMOND, FLOWERING. Double rose-like flowers. Early, pink or white.....	12-18 in.	\$0.40	\$0.75
ALMOND, FLOWERING. Double rose-like flowers. Early, pink or white.....	18-24 in.	.50	.90
REDLEAF BARBERRY. Bright red foliage all summer. Plant in full sunlight.....	12-15 in. 15-18 in.	.35 .45	.65 .85
BEAUTY BUSH. Arching branches, covered with a profusion of delicate pink flowers resembling Abella.....	1-1½ ft. 1½-2 ft.	.40 .50	.75 .90
BUTTERFLY BUSH, CHARMING. New pink flowering.....		.50	.90
BUTTERFLY BUSH, ILE DE FRANCE. Long thick flower spikes of rosy purple.....	Medium No. 1	.35 .40	.65 .75
GRAPE MYRTLE. Very showy flowers of crinkled, crape-like appearance, pink, red or white	1-1½ ft. 1½-2 ft.	.40 .45	.75 .85
DESMODIUM (Bush Clover). Weeping rose pink flowers in fall.....	No. 1	.40	.75
HYDRANGEA, HILLS OF SNOW. Ball-shaped clusters of snowy-white flowers in July and August.....	1-1½ ft. 1½-2 ft.	.40 .50	.75 .90
HYDRANGEA PEGEE. Huge panicles of light pink flowers in August and September, changing to brown in fall.....	1-1½ ft. 1½-2 ft.	.35 .40	.65 .75
PHILADELPHUS VIRGINAL. Large semi-double flowers of clear white, almost ever-blooming	1-1½ ft. 1½-2 ft.	.35 .40	.65 .75
SNOWBALL. Large globular clusters of pure white produced in May and June. Grows 6 to 8 feet in height.....	1-1½ ft. 1½-2 ft.	.40 .50	.75 .90
SPIREA ANTHONY WATERER. Red Dwarf Spirea. Showy red flowers borne in umbrella-like bunches throughout the summer	12-15 in. 15-18 in.	.35 .40	.65 .75
VITEX MACROPHYLLA. Attractive lavender-blue flowers from July until frost; semi-dwarf habit of growth.....	1-1½ ft. 1½-2 ft.	.35 .40	.65 .75
WEIGELA EVA RATHKE. Red flowers in abundance	1-1½ ft. 1½-2 ft.	.35 .45	.65 .85

A ROSE GARDEN FOR A DOLLAR

SPECIAL OFFER No. 107

Now here IS something! Think of Five Field-Grown, Two-Year-Old Roses in all colors, delivered at your door for only \$1.00. See what a wonderful selection we have made for you.

- 1 E. G. HILL. Long bud, full double, dazzling scarlet.
- 1 SOUV. DE CLAUDIUS PERNET. One of the finest yellow roses.
- 1 MRS. CHARLES BELL. Shell-pink variant of Pink Radiance.
- 1 MME. JULES BOUCHE. White with just a shade of pink at center.
- 1 TALISMAN. Best known two-tone rose; apricot gold and deep pink.

5 Everblooming Roses for \$1.00, prepaid.

OUR SUPERIOR MIXED LAWN GRASS

TO MAKE A LAWN

Remember when making a lawn that it is to last for years, and be an ornament to the home, so give plenty of time and care to preparation before the seeds are sown. Several weeks before sowing dig the soil deeply, break up the lumps, apply our Premier Horticultural Peat Moss and a lawn fertilizer such as VIGORO and rake the top soil; at intervals of ten days or two weeks rake the surface to destroy the weeds, and before sowing have the surface as fine as a rake will make it. Sow half the seeds, then sow the other half at right angles to the first sowing—this gives an even distribution. After sowing rake slightly so as not to cover the seeds too deep—covering with a roller is better—small seeds cannot germinate if planted too deep, an eighth of an inch is about right. Do not put stable manure on your lawn, as it adds to the many weeds already in the soil, and if not well broken up the lumps of manure will smother your grass.

Start the lawn as early as possible to give the grass a chance to become well established before the spring growth of weeds.

Lawn Grass Mixture Required

For 150 sq. ft. (10x15 ft.).....1 lb.
For 300 sq. ft. (10x30 ft.).....2 lbs.
For 5000 sq. ft. (50x100 ft.).....20 lbs.
For 43560 sq. ft. (1 acre).....175 lbs.

Use about one-half as much for renovating old lawns.

SUPERIOR MIXED LAWN GRASS. Lb., 35c; 10 lbs., 30c per lb.; not postpaid.

KENTUCKY BLUE GRASS. Per lb., 35c; 10 lbs., 30c per lb., not postpaid.

WHITE DUTCH CLOVER. Per lb., 80c; 5 lbs., 75c per lb., not postpaid.

BERMUDA GRASS. Per lb., 30c; 5 lbs., \$1.25, not postpaid.

CREEPING BENT GRASS. Lb., \$1.00, not postpaid.

RYE GRASS. Per lb., 15c; 5 lbs., 60c, not postpaid.

SHADY LAWN GRASS. Per lb., 50c; 5 lbs., \$2.35, not postpaid.



ALL PRICES in this catalog subject to change without notice.

VELVET GRASS

A marvelous NEW grass that is taking the Middle West and South by storm. Forms a beautiful dense mat of sod. Stands close clipping. Grows best in hot weather. A perfect lawn in one season.

VELVET GRASS is sold by the square yard. One square yard of sod can be torn up and planted so that it will cover from 600 to 800 square feet of lawn space. It is planted like Bermuda, either in sod squares of about one inch square planted one foot apart, or in rows one foot apart with the stolons laid almost end to end.

Price per square yard, \$3.50, prepaid.

WEED KILLER

KILLS NOXIOUS WEEDS AND GRASSES AND FERTILIZES LAWN AT ONE TREATMENT

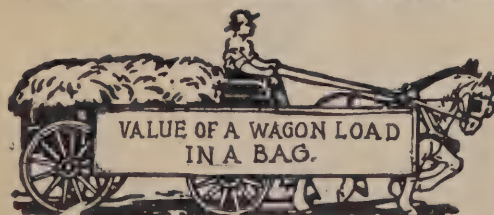
Recent experiments with Nitrogenous Salts prove that noxious grasses and weeds such as Chick Weeds, Dandelions, and other weeds, which ruin good lawns, may be killed with WEED KILLER, which then fertilizes the soil for grasses of a desirable nature, such as Blue Grass, Red Top, etc.

Will not harm Blue Grass and desirable lawn grasses, in the quantities we recommend.

DIRECTIONS: Mix one (1) pound of WEED KILLER to one gallon water. Sprinkle over 250 sq. ft. of lawn. Use this proportion up until March 15th. After March 15th, sprinkle the above mixture over 600 sq. ft. We recommend four to six applications in the spring at intervals of about a week apart. It is a gradual program and not an overnight cure.

5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

PULVERIZED SHEEP MANURE



Useful for lawns, vegetables, flowers, shrubs, and trees. Will not burn foliage. 50-lb. bag, \$1.50; 100-lb. bag, \$2.50, F. O. B. our store.

ACME APHIS SPRAY

for . . .

ROSES . . VINES . . FLOWERS . . SHRUBS
VEGETABLES . . BERRY BUSHES . . TREES

VIGORO

Complete plant food

PRICES

1-lb. pkg.....	\$0.10	25-lb. bag.....	\$1.50
5-lb. pkg.....	.45	50-lb. bag.....	2.50
10-lb. pkg.....	.85	100-lb. bag.....	4.00

VIGORO supplies just what is needed to produce a beautiful lawn, flowers, shrubbery and trees. It is a highly concentrated plant food, and must be applied according to instructions. Excessive applications, or too much applied in one spot, is not only wasteful but will "burn" the plants.

Dimensions of Ground	Rate of Application per 100 Square Feet	Amt. Necessary for One Application
20x 50 ft.	2 lbs. (equal 1 qt.)	25 lbs.
20x 50 ft.	4 lbs. (equal 2 qt.)	50 lbs.
50x100 ft.	2 lbs. (equal 1 qt.)	100 lbs.
50x100 ft.	4 lbs. (equal 2 qt.)	200 lbs.

Full directions for applying VIGORO are contained in the Home Beautiful booklet, a copy of which is enclosed in every bag of VIGORO. This booklet also gives valuable information on making a lawn, growing shrubbery, flowers, vegetables and trees.

All Summer FLOWER SEEDS

Loads of Beautiful Flowers

Flowers are something everyone should be interested in. They do so much to make the home beautiful and lovely. The flowers outside a home largely reveal the character within.

From just a few packets of seed you will be able to cut flowers by the basketfuls all summer and by doing so they just bloom all the harder.

Our seeds germinate quickly. All are tested and sent to you in big full-measure packets with instructions for planting on the back of each packet.

This year we are offering plants, too, of many of our finer varieties. All are grown from the finest selected seed stocks, transplanted and "topped," which means healthy, vigorous tops, as well as sturdy roots. Postpaid and satisfaction guaranteed. Send your order for plants right along with your seed order and we will mail the plants at the proper planting time.

All Flower Seed Prices Are Postpaid.
PRICES: All Packets are 10c Each;
\$ for 25c, Postpaid, except as noted.



See page 31.

AFRICAN DAISY

(Dimorphoteca). Grows 15 inches high. Blooms are 2½ inches across, ranging in color from white to salmon and orange with dark centers.



Daisy

AGERATUM

Five inches tall. One of the best bedding plants. Splendid for borders or edging. Blooms the entire season. Rapid grower. Pkt., 20c.

Little White Star. Little Blue Star.

SWEET ALYSSUM

Pretty little plants for beds or vases, blooming all summer long. Very sweetly scented.

Dwarf Yellow. Lilac Queen.
Carpet of Snow. Mixed.

AMARANTHUS

(Tri-Color Splendens — Joseph's Coat). Very useful in borders of tall plants, among shrubs, or for centers of large beds. Grows 2½ feet tall. Inner foliage is of blackest bronze tipped with green. Outer foliage scarlet and gold.



Giant Branching Aster

ASTERS

Early sorts begin blooming in July, followed by the midseason sorts, which are at their best in August. Then come the late blooming kinds which bloom through September and October.

CREGO ASTERS. This variety produces the largest flowers of the comet type. Very full and fluffy, 4 to 5 inches in diameter. When cut they outlast all other types.

Crimson, White, Shell Pink, Lavender, Purple, Mixed.

EARLY BEAUTY ASTERS. Attain a height of around two feet. Are of a branching habit. Flowers large, resembling Chrysanthemums, borne on long stout stems. Bloom at same time with Crego varieties.

Black Prince, Lavender, Crimson, White, Pink, Mixed.

WILT RESISTANT ASTERS. Many of our friends have had trouble with wilt at some time or another. These varieties are able to grow and bloom beautifully on infested ground. Some of the largest and finest flowers in America in these new strains.

Pink, Crimson, White, Lavender, Purple, Mixed.

For Lawns, use
VIGORO

SUNSHINE MIXED ASTERS. The best mixed assortment for home use. All shades and colors with golden centers.

BRILLIANT QUILLED ASTERS. Mixed colors.

MAMMOTH AMERICAN BRANCHING ASTERS. Large. Late blooming. Mixed colors. Best in September.

PEONY ASTERS. Mixed colors. Large double blooms resembling peonies.

LILLIPUT MIXED. Small flowered, intensely doubled of ideal habit. Seed pkt., 15c.

Flowers—Vivid in Color, Healthy, Strong Stems. Flowers lacking in color . . . blooms sparse and poorly formed . . . stems spindly . . . foliage scant and faded. These are sure signs of starvation. Your flowers need a square meal—a complete plant food—Vigoro. It supplies each of the essential elements required for healthy plants and abundant, colorful flowers.

BLUE LACE FLOWER

DIDISCUS COERULEUS, ANNUAL. Grows upright about 2 feet high, branches freely, each end bearing a cluster of light blue flowers spreading umbrella-like. Each blossom is carried on a thin, long tube lending the flower head a delicate and dainty touch. Lasts unusually long in water.

BABY'S BREATH

This annual variety has larger flowers than the perennial and is a soft pink in color.

BALSAM

The old-fashioned Camellia-flowered "Touch-Me-Not" or "Lady's Slipper." Produces a great profusion of brilliantly colored blooms.



Burning Bush



Balsam

BUTTERFLY FLOWER (Schizanthus)

The fern-like foliage is very attractive even before the flowers come on. The blooms are all colors, shaped like many delicate butterflies.

BURNING BUSH (Kochia)

Makes a beautiful hedge or background. Grows very compact, turning from light green to blood red in early autumn.



SPECIAL OFFER

\$1.00 worth of packets Vegetable and Flower Seeds—only—your selection, and 1 pound Star Brand Coffee for \$1.00, postpaid.



USE HOTKAPS

See page 32.

COSMOS



Cosmos

For Summer and Fall Flowers

While early varieties begin flowering in July, Cosmos reaches the height of its beauty in the autumn, when it becomes one of the dominant border families. Given plenty of room, the tall plants branch freely, and are effective both in their abundant flowers, and their feathery foliage.

EARLY KLONDYKE ORANGE FLARE. The Grand Champion Gold Medal Winner. The unanimous choice of all judges in the All-American Competition for 1935. Bright vivid orange, very free flowering, with a sparse growth of light green foliage, the plants are in full flower less than four months from the time of planting, and are a mass of color all season. The sensation of the year.

EARLY DOUBLE CRESTED. Showy plants, 1 to 4 feet tall, covered with a mass of lovely, large flowers. Our strain produces a large percentage of double blooms.

CHRYSANTHEMUMS

Sown in April they begin flowering in July. Pinch back to encourage branching. They make delightful border plants and beautiful bouquets throughout the summer. Golden Feather, Mixed; The Sultan, rich red; Evening Star, yellow.

CANNAS, Large Flowering

You all know how easily they can be grown from the roots; well they can be just as easily grown from seed. Soak seed 24 hours in warm water. Sown in February should bloom all colors in July.

CANTERBURY BELLS

A biennial which seeds itself. Easily grown and fine for rock garden or in the border. Mixed colors.

NEW ANNUAL CANTERBURY BELL. Brings spring to the garden in the fall. We recommend this new annual to all our flower lovers. An annual that can be brought into bloom any time after July. Blooms are the shape of delicate bells in rich shades of dark blue, light blue, pink, rose and white.

CARNATIONS

Always in demand and can be easily grown in your own garden. They are just like regular greenhouse blooms except that they are a trifle smaller. White, Yellow, Red or Pink, Mixed.

CALIFORNIA POPPY

ESCHSCHOLTZIA AURANTIACA. This is the true California Poppy. Its brilliant coloring and silk-like texture make it an outstanding plant. It blooms from early summer until freezing weather. Mixed colors.

THE GEISHA. A brilliant rose and orange coloring that makes a blaze of color in your garden all summer long.

CALLIOPSIS

Mixed colors. Sow early and thin to 12 inches apart. Easily grown. Beautiful for either garden or cut flower decoration.



SPECIAL OFFER

\$1.00 purchase of packets Vegetable and Flower Seeds—only—your selection, and one pound Star Brand Coffee for \$1.00, postpaid.

CANDYTUFT

They soon flower from seed and remain long in bloom. When massed in flower beds and edgings they are unsurpassed. Make splendid cut bouquets. Empress (pure white), Crimson, Lavender, Fine Mixed.

CASTOR BEANS (Ricinus)

Well adapted for backgrounds along the side or back garden fence. Moles won't bother a garden hedged with Castor Beans.

CENTAUREA

This is a very hardy annual, flowering all summer. Very easily grown. A fine border plant and very showy. Bachelor's Button or Corn Flower. Also Dusty Miller.

MAMMOTH SWEET SULTAN

Another type Centaurea with large flowers shaped like the globe thistle. Brilliant Rose, Blue, Golden Glow, Purple, Mixed.

CHINESE FORGET-ME-NOT

Very fine for cutting. Grow 18 to 24 inches tall and are covered with vivid Forget-Me-Not blooms. Blue, Pink.

CHINESE WOOLFLOWER

(Celosia Childsi.) A variety of Cockscomb. Fine for winter bouquets. Mixed shades.

CALENDULA (Pot Marigold)

RADIO CALENDULA. A large double bloom of a deep shade of golden yellow with attractively quilled petals. Orange King, Lemon King.

QUALITY CALENDULAS

Sunshine Chrysanthemum Flowered

An entirely new species that is especially fine. Grows 1 to 2½ feet tall and bears large, bright, golden canary-yellow flowers.

ORANGE SHAGGY (New). Closely set, irregularly placed, long narrow petals, beautifully fringed or laciniated, giving the flower the frilled or shaggy appearance of some Chrysanthemums.

SENSATION (Campfire). Brilliant orange with crimson sheen.

BALL'S SUPREME. Light orange with brown center.

RADIO. Rich orange blooms with quilled petals.

GOLDEN BALL (Ball's Gold). Deep golden-yellow. MIXED.

DIANTHUS

A lovely class of annual flowers for beds, borders and cutting. Of easy culture. Blooms from July until frost.

RUFFLED AND FRINGED. Large single flowers with ruffled and fringed petals of many colors.

TOM THUMB. A dwarf plant with bright red flowers.

GRASS PINKS. The delicately fringed flowers are fragrant and fine for bouquets.

SPECIAL MIXTURE. A splendid mixture of double pinks.

COBAEA

COBAEA (Cup and Saucer Vine). A rapid climber; fine for trellises, arbors, etc.; clings to any rough surface. Place ~~wood~~ in the ground edgewise and cover with light soil. Purple, Pure White.

COLEUS

COLEUS (Flame Nettle). An attractive foliage plant for house or garden. Very interesting to grow from seed, easily raised. Sow in March or April.

CYPRESS VINE (Ipomoea Quamoclit)

Half Hardy Annual Climber, 15 Feet
A beautiful vine of very rapid growth, with delicately cut fern-like foliage and producing in abundance dainty star-shaped scarlet and white flowers. Sow when the weather is warm, or seed may be started indoors. Soak overnight in warm water previous to sowing.

DAHLIAS

Can be easily raised from seed and will bloom the first year. One of the best late summer flowering plants.

DAISIES

SHASTA. Flowers very large and graceful; pure white, single. Grow on long, stiff, wiry stems.

DIGITALIS

THE SHIRLEY. Stately spikes growing up to 7 feet tall, closely set with large bells, in many bright colors. Some dotted with crimson or chocolate.

DELPHINIUM

Delphiniums are hardy, vigorous and free blooming. Soak the seed over night, and lime the soil where they are to be planted.

Delphinium, Belladonna.
Delphinium, Bellamosum.
Delphinium, Giant Hybrids, Mixed.

Forget-Me-Not (Myosotis)
Four-o'Clock, Mixed.
Gaillardia, Single Mixed.
Gaillardia, Double Mixed.
Gaillardia, Perennial Mixed.
Godetia.
Gomphrena (Globe Amaranth).
Gourds, Mixed.
Helianthus or Sunflower.
Helichrysum, Mixed Colors.

PERFECTION DOG FOOD
Feeds the Champion

MARIGOLDS



Marigold

They light the garden with a glitter of yellow and gold from July far into the frosts of autumn.

DOUBLE TALL AFRICAN VARIETIES. Lemon Ball. Mixed shades of yellow and orange. Orange Ball.

DWARF FRENCH DOUBLE. Mahogany, Lemon Queen, Double Dwarf Mixed (Pride of the Garden).

DWARF SINGLE FRENCH. Legion of Honor. Golden yellow marked with a large spot of velvety crimson at the base of each petal. Golden Star, Marigold Mixed.

CARNATION FLOWERED MARIGOLD. Guinea Gold. A brilliant orange, very double and ruffled with loose lace petals. This in a new and distinct type.

Heliotrope.
Hibiscus.
Hollyhock, Double Mixed.
Ice Plant.
Japanese Hop Vine.
Job's Tears.
Kochia (Mexican Fire Bush).
Kudzu Vine (Jack-and-the-Bean-Stalk).
Lantana.
Larkspur, Tall Double Mixed.
Lathyrus Latifolius (Perennial or Everlasting Pea).
Lobelia.
Love in a Mist, or Nigella.

LUPINE

MAYFAIR HYBRID. Easily grown on poor soil but insists on good drainage. Carries long graceful spikes of rich and various colored flowers.

Mignonette, Sweet Scented.
Momordica, Balsam Apple.
Morning Glory, Japanese Mixed.
Moonflower.

Nasturtiums—
Dwarf Mixed.
Tall Mixed.

Pansy—
Giant Trimardeau, Mixed.
Trimardeau, Separate Colors.

Pansy Plants—Mixed colors of the choicest varieties, 50c per dozen, postpaid.

Phlox—
Drummond's Grandiflora.
Star Quedlinburg.

Poppy—
Mixed Single.
Mixed Double.
Shirley Mixed.
Oriental.

PORTULACA (Moss Rose). Brilliant garden annuals, 6 inches high, luxuriating in warm, dry, sunny situations and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink, striped, white, etc.

DOUBLE, FINE MIXED.
SINGLE, FINE MIXED.

PHYSOTEGIA VIRGINICA

FALSE DRAGON HEAD. We are furnishing the Physotegia Vivid Dwarf Pink which grows about 18 inches tall with extra large heads of very showy pink flowers. It is far superior to the old-fashioned tall-growing variety, in sturdiness, color and shape. This Physotegia is one of the finest and most freely flowering of all hardy garden flowers. Very fine for cut flowers.

Scarlet Sage, Splendens.
Scabiosa, Grandiflora Mixed.
Snapdragon, Tall Mixed.
Stocks, Large Flowering Ten Weeks Mixed.

SUPREME SWEET PEAS

Soil should be thoroughly mixed with a good fertilizer. We like Vigoro for this purpose. When the plants are well up, see that they have wire, strings or a trellis to support them.

PETUNIAS

FLUFFY RUFFLES MIXED. Selected and hybridized with the greatest care; flowers of large size, beautifully fringed and embracing a splendid variety of colors in many beautiful combinations. Pkt., 25c; 2 Pkts., 45c.

ELKS' PRIDE. A splendid velvety purple, large flowering variety. Pkt., 20c; 2 pkts., 35c.

ROSE OF HEAVEN. (Improved Rosy Morn). Dwarf, bushy plants, bearing in great profusion brilliant rose colored flowers with a white throat; excellent for pot culture. Pkt., 10c; 3 pkts., 25c; 1/8 oz., 35c.

BLOTCHED AND STRIPED SINGLE MIXED. Pkt., 5c; oz., \$1.00.

FINE MIXED SINGLE BEDDING. A splendid bedding mixture of good bloomers. Pkt., 5c; 1/4 oz., 25c.

SPENCER SWEET PEAS

Royal Purple.
Mrs. Tom Jones—Deep azure blue.
Illuminator—Bright glowing salmon, tinged with orange.
Crimson King.
Warrior—The best pure deep maroon.
Miss California—A rich salmon pink.
Austin Frederick—Color a true lavender.
King White.
Beatal—Pale cerise.
Beauty—Blush pink.
Commander Goddall—Large navy blue.
Elegance—Blush lilac.
Good Cheer—Deep Begonia rose.
Orange Picture—Sunproof orange.
Pinkie—Large rose pink.
Powerscout—Large lavender.
Superfine—Cream suffused salmon.
Finest Mixed.
Thunbergia, or Black-Eyed Susan.
Tritoma (Torch Lily, Flame Flower, Red Hot Poker).
Vinca, Mixed.



For
LAWNS
FLOWERS
SHRUBS
TREES
VEGETABLES

VERBENA

NEW MAMMOTH. Individual flowers are larger than a silver quarter. Unsurpassed for profusion of bloom. Fancy mixed.
BEAUTY OF OXFORD. A free flowering, very hardy annual. Excellent for bedding and edgings. Of creeping habit with dark green foliage. Many clusters of large star-shaped flowers, with round lobed petals. Bloom from June until frost.

SPECIAL OFFER



\$1.00 worth of packets Vegetable and Flower Seeds—only—your selection, and one pound Star Brand Coffee for \$1.00, postpaid.

ZINNIA

Deserves a prominent place in every garden. Plant forms handsome bushes, which produce hundreds of large double flowers all summer and fall. Zinnias should be transplanted when they are 4 or 5 inches high, planting 6 or 8 inches apart in the row. Keep well watered if you want large flowers.



FANTASY CHRYSANTHEMUM FLOWERED. The well rounded, medium sized flowers which are borne on long slender stems well above the foliage are composed of a mass of shaggy, twisted tubular petals which give the blooms a rather charming appearance. The color range includes red and orange, as well as many fine pastel shades of pink and cream.

TALL DOUBLE. All colors mixed.
NEW GIANT FLOWERING. A well balanced mixture of all colors make a gorgeous showing.

GIANT FLOWERING WHITE.
GIANT FLOWERING CRIMSON.
GIANT FLOWERING BLACK KNIGHT.
GIANT FLOWERING VIOLET.
GIANT FLOWERING YELLOW.

ZINNIA COLLECTION. 1 pkt. of each of the above five colors, 40c.

DOUBLE LILIPUT. A fine mixture of dwarf double zinnias.

GIANT DAHLIA-FLOWERED DOUBLE ZINNIAS

Come in a rich assortment of colors. This year even though it was hot and dry, everyone having zinnias picked a lot of beautiful bouquets. This strain we feature is the best we have ever seen.

GOLDEN WEST. A fine shade of golden yellow.

PURPLE PRINCE. Rich shade of royal purple.

DAYBREAK. Bright orange scarlet.

GLORIA. Delicate reddish rose.

ENCHANTRESS. Rich shade of red.

SENSATION. Orange scarlet.

DAHLIA FLOWERED ASSORTMENT. Six kinds. One each of the above six Giant Dahlia-Flowered Double Varieties, 40c, postpaid.

MIXED COLOR. Finest mixed Dahlia-Flowered Double Zinnias. This is a mixture of red, yellow, orange, purple and rose.

FRUITS



MONTMORENCY CHERRY

	Each	5	10	25
2-3 ft., prepaid....	\$1.40	\$1.85	\$3.50	\$ 8.25
3-4 ft., prepaid.....	.50	2.25	4.25	10.00
4-5 ft., not prepaid..	.60	2.75	5.25	12.50



BOYSENBERRY

Twice the size of Youngberry. Combination flavor of Loganberries, Raspberries and Blackberries. Produces berries for about 2½ months.

	Doz.	25	100
Prepaid	\$1.00	\$1.75	\$5.25

DOUGLAS PEAR

Known to produce a pay crop the second year after planting. Has produced fruit from the third set of blooms (first two sets froze). Blight-resistant. Good quality fruit and an excellent producer in all areas. Very popular in the South.

	Each	5	10	25
2-3 ft., prepaid.....	\$0.30	\$1.25	\$2.25	\$5.00
3-4 ft., prepaid.....	.40	1.75	3.25	7.00
4-6 ft., not prepaid..	.45	2.00	3.75	8.75

**THE NEW
GOLDEN
MUSCAT
DESSERT
GRAPE**

The miracle of plant breeding! A big Golden California type eating grape that's Hardy in the Middle West. Giant bunches (some 10 inches long). Sweet as honey. You pay more for a few bunches in the store than for one vine that will grow them for you free.

40c each
2 for 75c
5 for \$1.75

Any COMPLAINT with reference to any or all Nursery Stock must be made within five days after arrival, and no complaint can be entertained at a later date.



**HALEHAVEN
PEACH**

2-3 ft., Prepaid	Each	5	10	25
	\$0.22	\$1.00	\$1.75	\$3.25
3-4 ft., Prepaid	Each	5	10	25
	\$0.27	\$1.25	\$2.25	\$4.75
4-6 ft., Not Prepaid	Each	5	10	25
	\$0.40	\$1.85	\$3.50	\$7.50

RED DELICIOUS APPLE

	Each	5	10	25
2-3 ft., prepaid..	\$0.25	\$1.05	\$1.90	\$4.25
3-4 ft., prepaid..	.30	1.25	2.35	5.00
4-5 ft., not prepaid..	.40	1.75	3.20	7.50





JAPANESE QUINCE

GOLDFLAME HONEYSUCKLE

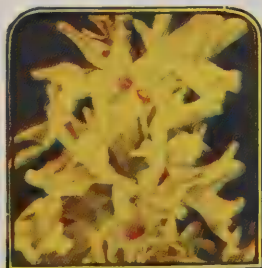
HARDY
EVERBLOOMING

PRACTICALLY EVERGREEN
DELIGHTFULLY FRAGRANT

Can be grown as shrub, vine or ground-cover.

65c each, two for \$1.00, prepaid

In bloom constantly from early summer until killing frost. Showy tubular flowers, with recurving petals; flame-red outside, bright yellow inside, borne in clusters, delightfully fragrant, almost evergreen. Can be used as an everblooming shrub, hedge, ground cover or vine. Known to be hardy in all parts of the country.



FORSYTHIA
GOLDEN BELL



HYDRANGEA P. G.



DEUTZIA
PRIDE OF ROCHESTER



SPIREA
ANTHONY WATERER

See
Page 22
for
description
and prices
on these
Shrubs.



FLOWERING
ALMOND



ROSA ROULETTI 35¢ each

ROSA ROULETTI—A little novelty with a lot of personality! The world's smallest rose. Blooms all summer. Produces quaint little pink buds that will open into double pink flowers. Maximum height about 8 inches. This would make a good premium. Very hardy. Excellent for edging beds, walks and drives.

BEAUTIFUL FLOWERING PEACH

SPECIAL OFFER of one each: Red, Pink, White and Peppermint Stick (red and white in same flower). All four trees, 3 to 4 feet, for only.....\$1.75

SILVER LACE VINE

By far the fastest growing hardy vine—20 feet or more the first year. Leaves are glossy green. Completely covered with snowy white flowers.

45c each, 2 for 80c, postpaid . . . (See Page 20)

PRIDE OF ROCHESTER

Earliest blooming in May. Many large, double white flowers. Grows about 6 feet tall. Popular on account of its regal appearance.

2 years old, 25c each; 6 for \$1.35, postpaid . . (See Page 22)

Any COMPLAINT with reference to any or all Nursery Stock must be made within five days after arrival, and no complaint can be entertained at a later date.



Dahlia

Summer Flowering Bulbs



Caladium Esculentum—Elephants Ear

DECORATIVE DAHLIAS

Please Bear in Mind—We offer only high test Exhibition Variety Tubers, such ■ have been duly tested and grown by us, and are true to name and color.

JANE COWL (Dec.). Bronzy buff and old gold, darker towards center. Each, 25c; dozen, \$2.50.

MARG. WOODROW WILSON, D. Monster cream, reverse phlox-pink. Each, 25c; dozen, \$2.50.

BASHFUL GIANT. A gigantic bloom. Apricot with golden shadings. Each, 25c; dozen, \$2.50.

MRS. I. DE VER WARNER (Marean). A blossom of soft orchid coloring. Each, 25c; dozen, \$2.50.

PRIDE OF CALIFORNIA. Color crimson red with dark full center. Each, 25c; dozen, \$2.50.

KATHLEEN NORRIS (F. D.). Greatest pink decorative Dahlia in commerce today; true rose pink, later deepening to mellow pink, but paler in young central petals. Broad overlapping petals with twisted ends, filled to center. Great bloomer and excellent keeper. Each, 25c; dozen, \$2.50.

JERSEY'S BEAUTY (Decorative). A true, pure pink. Each, 20c; dozen, \$2.00.

JEAN KERR (Decorative). Pure white of fine form; a profuse bloomer on stiff stems; the best commercial white. Each, 25c; dozen, \$2.50.

All Dahlias in single and dozen lots prepaid; in larger quantities at purchaser's expense.

GLADIOLI

BETTY NUTHALL. One of the finest of the newer varieties; large light salmon with pale yellow throat and light feathering of carmine. 4c each; 35c dozen; \$2.50 hundred.

MR. W. H. PHIPPS. "La France" pink overlaid with light rose-salmon, lighter towards center with speckled ruby throat markings. 4c each; 35c dozen; \$2.50 hundred.

GOLDEN DREAM. Pure yellow. A leader in the class of yellow Gladioli. A beautiful variety. 3c each; 30c dozen; \$2.25 hundred.

CHICAGO WHITE. A fine white variety with lavender stripes on lower petals. 3c each; 35c dozen; \$2.25 hundred.

VIRGINIA. One of the most popular commercial reds. Its earliness and fine forcing qualities as well as the lasting brilliancy of the flowers have created for it a well deserved popularity. 4c each; 35c dozen; \$2.50 hundred.

GIANT NYMPH. "La France" pink, creamy yellow throat. Large flowers well placed. 3c each; 35c dozen; \$2.50 hundred.

PICARDY. Undoubtedly the finest of recent introductions. Extremely long stems, with many enormous size flowers open at one time. The color is soft pink, shading to deeper pink on the lower petals. Distinct markings in throat. 4c each; 40c dozen; \$2.75 hundred.

HALLEY. A most attractive early blooming sort with large, well-opened flowers of delicate salmon-pink. 3c each; 30c dozen; \$2.25 hundred.

MINUET. A beautiful giant lavender Gladiolus having 4 or 5 blooms. Considered the last word in Lavender Gladioli. 5c each; 50c dozen; \$3.75 hundred.

RAINBOW MIXTURE Gladiolus (Gladioli) Bulbs (1 doz.). Price 35c per box.

All Gladioli in single and dozen lots prepaid; in larger quantities at purchaser's expense.

Collection of Popular Favorites

6 Crimson Glow, 6 Golden Dream, 6 Chicago White, 6 Giant Nymph, 6 Baron Hulot, 10 Exhibition Mixed. 40 Bulbs, all for 98c, postpaid.

TUBEROSES

EXCELSIOR DWARF PEARL. Rich, waxy white, very double and remarkably fragrant. 5c each; 50c dozen; postpaid.

TALL DOUBLE. Flower spikes $3\frac{1}{2}$ to 5 feet high. First size bulbs, 5c each; 50c dozen; postpaid.

CALADIUM ESCULENTUM ELEPHANTS EAR

FIRST SIZE BULBS. $1\frac{1}{2}$ to $2\frac{1}{2}$ inches in diameter. Each, 15c, postpaid.

SELECT SIZE BULBS. $2\frac{1}{2}$ to 3 inches in diameter. Each, 25c, postpaid.

MONSTER SIZE BULBS. 40c each, postpaid.

LILY OF THE VALLEY. 35c dozen, postpaid.

CINNAMON VINE. A well known climber, brilliant glossy foliage, bears an abundance of fragrant flowers, often attains height of 20 feet. 30c dozen, postpaid.

MADEIRA VINE. Tubers. 35c dozen, postpaid.

CANNAS

Ready March 1 to June 1.

KING HUMBERT. The Royal Red Canna. Height 5 feet. 10c each; 3 for 25c; postpaid.

THE PRESIDENT. 4 feet; in color a rich glowing scarlet. 10c each, 3 for 25c; postpaid.

YELLOW HUMBERT. Fine yellow, spotted with red. Height 4 feet. 10c each; 3 for 25c; postpaid.

ALL COLORS. Mixed, dormant. 10c each; 2 for 15c; 85c dozen. Postpaid.

ALL BULBS POSTPAID

BEDDING PLANTS

Can Be Shipped by Express or Bus. Not Prepaid.

Plants out of $2\frac{1}{2}$ -inch pots or flats. 10c each or \$1.00 per dozen.

Plants out of 4-inch pots. 20c each or \$2.00 per dozen.

ALYSSUM. White, for porch boxes.

COLEUS. All bedding varieties.

CHRYSANTHEMUMS. In all colors.

FUCHSIA. Assorted. 25c and 50c each.

FEVERFEW. Thrifty, strong plants.

GERANIUMS. Out of 4-inch pots only. Double or single. All colors; 20c each; \$2.00 dozen.

HELIOTROPES. Out of 4-inch pots only. Purple or white.

PANSIES. Large, imported varieties, in bloom. 50c dozen.

PANSIES. Seed bed plants, not in bloom. 25c dozen.

PARLOR IVY. Excellent plants.

SALVIA or SCARLET SAGE. Large, flowering.

CANNAS. Growing plants, assorted. 20c each; \$2.00 dozen.

CALADIUM. Growing plants, 5-inch pots. 50c each.

CHINESE GIANT ASTER. Per dozen plants, 50c.

GROWING FERNS. For porch boxes and hanging baskets; $2\frac{1}{2}$ -inch pot size. 10c each; \$1.00 dozen.

HYACINTHS, TULIPS and CROCUS

For fall planting. Ready September 1. Send for fall bulb list.

WATER HYACINTHS, 10c. The most useful of all Aquatics for goldfish to spawn on. (Postage additional on less than 10 plants.) 10 plants, \$1.00, postpaid in the United States.

For Lawns, use
VIGORO

Hardy Garden Lilies

Beautiful and Permanent

Lilies are becoming increasingly popular and may be grown successfully by any gardener. They bring charm to the garden quite different from that of any other flower. You may have cool whites, rich yellows and dazzling scarlets. Lilies may be had in bloom from early summer until fall by proper selection.

Plant Lilies informally in clumps or large masses. Place the bulbs 4 to 8 inches deep (depending upon variety and size of bulbs), with a handful of sand around each one. If the soil is well enriched, so much the better for the size and beauty of the flower. A well drained deep soil gives the best results. Bone meal is the best fertilizer.

Some Lilies produce large bulbs, such as Auratum and Rubrum, whereas many others will never make such a large bulb, for example the Pardalinum and Tenuifolium.

The New Wonder Lily—Everblooming

PHILIPPINENSE FORMOSANUM. A very graceful hardy Lily with long, wide-mouthed, trumpet-like flowers; pure white with a beautiful pale emerald-green throat. Very fragrant. They commence blooming in early August and continue to flower until frost. Plant 4 inches deep in well drained, sandy soil. 3 to 4 feet high. 25c each; 3 for 65c; doz., \$2.35.

The Best Varieties

LILIUM AURATUM (The Gold-Banded Lily of Japan). Considered the most beautiful of all the Lily family. Excellent for cut flowers, blooming in July and August. Very large flowers, pure white, dotted with crimson, while through the center of each petal runs a golden band. Of delicious fragrance; 3 to 5 feet tall and will bear up to twenty flowers. Succeeds best in open, porous soil, not in rich humus. Plant the bulbs very deep. 30c each; \$3.00 per doz.

LILIUM HANSONI. The flowers are a deep orange-yellow shade, spotted brown. It grows three to four feet high, blooming during the latter part of June. Although perfectly hardy, the bulbs which should be planted six to eight inches deep, require a covering of straw or boughs of trees to keep them from starting into growth too early. Plant in semi-shade. Price 30c each; \$3.00 doz.

L. HENRYI (Yellow Speciosum Lily). Large branching heads of beautiful bright orange-yellow flowers with recurved petals. Hardy, easy to grow and a free bloomer. 3 to 4 feet. August-September. Cover 7 to 8 inches. Large bulbs, 30c each; 3 for 75c; \$2.75 per doz.

L. TIGRINUM SPLENDENS (The Single Tiger Lily). An improved form of the old well known Tiger Lily. Bright orange-red with black spots and red anthers. Very showy. Blooms August and September. 3 to 5 feet. 20c each; \$2.00 per doz.



Tiger Lily

Flowers—Vivid in Color, Healthy, Strong Stems. Flowers lacking in color . . . blooms sparse and poorly formed . . . stems spindly . . . foliage scant and faded. These are sure signs of starvation. Your flowers need a square meal—a complete plant food—Vigoro. It supplies each of the essential elements required for healthy plants and abundant, colorful flowers.



New Wonder Lily

LILIUM BATEMANIAE. One of the most beautiful of all lilies, its clear apricot coloring being so attractive it draws instant attention. The flowers are three to four inches in diameter, opening in August. Very hardy and easy of culture, three to four feet tall. 30c each; \$3.00 doz.

THE REGAL LILY. This fine variety from Western China is admittedly one of the most beautiful Garden Lilies yet introduced. It grows 3 to 4 feet high, and blooms out-of-doors in July, continuing its glorious display well into August. It is perfectly hardy, and flourishes under very varied conditions. 15c each; \$1.50 doz.



Regal

L. SPECIOSUM RUBRUM. Fine waxlike flowers; petals are white shaded and spotted rose. A very attractive flower with recurved petals. 3 to 4 ft. Blooms August and September. Succeeds best in leaf soil. Plant deep. 30c each; \$3.00 per doz.

AMARYLLIS

GIANT HYBRID. Strong bulbs throwing vigorous stems with from three to six blooms of perfect form, ranging in color from varied markings of rose to self colors of scarlet, crimson and almost maroon. Mixed colors only. Each, 50c.

WHITE GIANT AMARYLLIS. Flowers often 10 inches in diameter, pure white, without markings of any kind, frequently 4 flowers on a single stem. Each, 20c; \$2.00 doz.

JOHNSONII. Has immense trumpet-shaped flowers, which measure 3 to 4 inches across, are borne on strong fleshy spikes, and are rich, deep velvety crimson, each petal having a broad white stripe contrasting beautifully with the deep red color. Each, 35c; doz., \$3.50.

EQUESTRE. Orange Scarlet. Each, 25c; doz., \$2.50.

All Hardy Lilies in single and dozen lots are postpaid; in larger quantities at purchaser's expense.



For
LAWNS
FLOWERS
SHRUBS
TREES
VEGETABLES

INSECTICIDES and FUNGICIDES

ACME ANT KILL. See inside back cover.

ACME APHIS SPRAY. See inside back cover.

ACME EMO NIC. See inside back cover.

ACME KOPPER KING. See inside back cover.

ACME PARIS GREEN. See inside back cover.

ACME RED RIVER POTATO MIX. See inside back cover.

ACME ROTENONE GARDEN GUARD See inside back cover.

ACME WEED KILLER. See inside back cover.

ACME WETTABLE DUSTING SULPHUR. See inside back cover.

ANSUL (Formaldehyde) DUST. 1 lb., 50c; 5 lbs., \$1.50.



FLEA POWDER. (Non poisonous.) Guaranteed to be the fastest killing flea powder. Harmless to pets or humans, but deadly to fleas, lice and similar parasites. Kills fleas in less than 15 minutes and its action continues for at least

24 hours. 2-oz. can, 25c; 12-oz. can, \$1.00.

ARSENATE OF LEAD. (Powdered.) Controls practically all leaf-eating insects in an efficient manner. Used either for dusting or spraying. 1 to 1½ lbs. diluted to 50 gallons of water if used as a spray. See inside back cover.

ARSENIC, WHITE. For grasshopper bait. 1 lb., 25c; 5 lbs., \$1.00.

BEA BRAND FLEA POWDER. ¾ oz., 10c; 2 oz., 25c.

"BLACK LEAF 40"

40% Nicotine

An Insecticide for
PLANTS—ANIMALS—POULTRY

Is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully. 1-oz. bottle, 35c; 5-oz. bottle, 90c, (makes 40 to 100 gallons); 1 lb., \$2.10; 2-lb. can, \$3.10, (makes 200 to 500 gallons); 10 lbs., \$9.95.

NEW!

VIGORO Complete Plant Food TABLETS

For potted plants and flower boxes. Package of 24..... **10c**

BORDEAUX MIXTURE. Much used to cure and prevent mildew, blight, black rot, leaf curl or other fungoid diseases on fruits and plants. Can be applied dry or wet. 1 lb. will make 5 gallons of liquid. See inside back cover.

CHICKWEED KILLER. Ask for circular. Lb., 10c.

COMMERCIAL SULPHUR. Lb., 5c; 25 lbs. for \$1.00; 100 lbs., \$3.00.



COPPER SULPHATE (White Vitrol Flakes). 1 lb., 10c; 10 lbs., 9c per lb.
COPPER SULPHATE or BLUE-STONE. Lb., 10c.

CUPROCIDE "54." For control of blight on Tomato. 3-lb. bag, \$1.11.
CYANOGAS, a Dust. Rats, Moles, Woodchucks. Cyanogas is not a bait! It is different! Simply pump it into the rat burrows or mole runways—for woodchucks a heaping tablespoonful placed in the burrow is sufficient. Cyanogas seeks the pests and kills them instantly. ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00; 10 lbs., \$5.00; 25 lbs., \$10.00; 100 lbs., \$30.00.

DUTOX. For the extermination of Bean, Cucumber, Muskmelon and Watermelon Beetle. Lb., 25c.

"43." For the tree. Liquid or paste. Lb. can, 25c.

FISH OIL SOAP. A non-poisonous soap to be diluted with water to kill soft-bodied insects, such as aphids, red spiders, thrips, etc. 1-lb. can, 30c.

FLOWERS OF SULPHUR. Lb., 15c; 10 lbs., \$1.00.

LIME SULPHUR SOLUTION. In barrel lots only, about 50 gallons to barrel.

OIL EMULSION. Bbl. lots only; ask for prices.

Please note we offer above two items in original barrel lots only. Extra charge for barrels \$1.00 each, which can be returned for credit.

LIME-SULPHUR, DRY. Exactly like Lime and Sulphur. For fall and spring sprayings. Use 12 to 15 lbs. to 50 gallons of water. Lb., 35c; 5 lbs., \$1.40. See inside back cover.

LORO. For Chrysanthemum Midge. Pt., \$2.00; gal., \$9.75.

MASH NIC. For the extermination of Poultry Roundworm. 2 lbs., 50c; 10 lbs., \$1.50.

NEW EVER GREEN. A non-poisonous spray, effective against all kinds of injurious beetles, aphids, worms, cutworms. Will not injure any plant. Dilute with 100 to 800 parts of water. Directions with every package. 1-oz. bottle, 35c.

PARADICHLOROBENZENE. (For Peach Tree Borer.) Lb., 25c.

P. D. HOUSE SPRAY. All size containers; ask for prices.

P. D. STICK SPRAY. Gal., \$1.00.

POTTASSI SULPHURATED. Oz., 15c.



RED ARROW. An effective, non-poisonous solution that is deadly to all insects. Will not burn, blight, or stain the most tender foliage.

May be safely used on all fruits and

vegetables. Dilute with 200 to 800 parts of water. Full instructions with every bottle. 1-oz. glass, 40c; 4-oz. glass, \$1.25; 1-pt. glass, \$2.75.

SLUG SHOT. A fine reddish dust harmless to plants, but powerfully effective against all kinds of worms, beetles and bugs, besides being a splendid fungicide. 1-lb. sifter can, 25c; 5-lb. pkg. for \$1.00.

SNAROL. Kills cut-worms, sowbugs, snails, grasshoppers, etc. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 1½-lb. package, 35c; 4-lb. package, 85c.



SODIUM CHLORATE. For killing Bindweed. Ask for prices.

SPRAYERS of all descriptions. Ask for prices.

STIM-U-PLANT TABLETS. A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. Package, small size, 30 tablets, 25c; medium size, 100 tablets, 75c; large size (pail), 1000 tablets (enough for season's supply for medium sized garden), \$3.50. Keeps Lawns Fresh and Green.

SULPHATE OF IRON. For killing weeds and dandelions without injury to grass. 5 lbs., 45c.

SUPER PHOSPHATE (20% Available). Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. 1 lb., 10c; 12 lbs., 60c.

SWEENEY'S POISON WHEAT. For exterminating rats, mice, moles and gophers. 15c box.

TERRO. A sure cure for ants. 25c and 50c bottles.

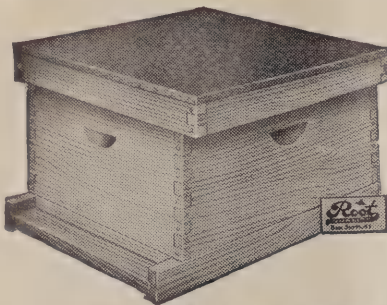
TERRO ROACH OR RAT KILLER. 35c each.

TREE TANGLEFOOT. A paste preparation painted around trunk of tree to keep caterpillars, etc., from crawling into tree. 1-lb. can, 60c.

TOBACCO DUST. Finely ground for dusting. 1 lb., 10c; 2 lbs., 15c; 100 lbs., \$2.85.

VOLCK. Spray for the control of red spider, mealy bug, scale, thrips, white fly, aphids and rose mildew. Combines with nicotine and lead arsenate. Qt., 80c; gal., \$2.50; 5 gals., \$8.00; 14 gals., \$27.50.

Insecticides cannot be sent through the mail. Prices on Insecticides and Fertilizers are at our store only.



Ten-Frame Metal Covered Hive

BEE SUPPLIES

If you live in the suburbs, or on a farm, keep a few stands of bees; they will amply repay you for the little attention they require, and will often return you a splendid profit.

We handle a full line of the I. A. Root Co. Bee Supplies. The standard of the world. Write for our Bee Supply Catalog.

You will be interested in this new catalog because you naturally are interested in making your beekeeping profitable. It offers a complete line of high quality supplies for profitable beekeeping.



Standard Smoker

VIGORO

Specially prepared plant food

	PRICES		Not Prepaid
1-lb. pkg.	\$0.10	25-lb. bag	\$1.50
5-lb. pkg. ....	.45	50-lb. bag	2.50
10-lb. pkg. ....	.90	100-lb. bag	4.00

VIGORO supplies just what is needed to produce a beautiful lawn, flowers, shrubbery and trees. It is a highly concentrated plant food, and must be applied according to instructions. Excessive applications, or too much applied in one spot, is not only wasteful but will "burn" the plants.

Dimensions of Ground	Rate of Application per 100 Square Feet	Amt. Necessary for One Application
20x20 ft.	2 lbs. (equal 1 qt.)	25 lbs.
30x30 ft.	4 lbs. (equal 2 qt.)	50 lbs.
50x100 ft.	2 lbs. (equal 1 qt.)	100 lbs.
50x100 ft.	4 lbs. (equal 2 qt.)	200 lbs.

Full directions for applying VIGORO are contained in the Home Beautiful booklet, a copy of which is enclosed in every bag of VIGORO. This booklet also gives valuable information on making a lawn, growing shrubbery, flowers, vegetables and trees.

FERTILIZERS

To produce large crops of the best quality vegetables, you must, above all, plant good seed to start with, and in addition to this use a sufficient amount of fertilizer to provide the proper amount of plant food necessary for healthy growth.

AMMONIA SULPHATE. For stimulating a rapid growth and large leaf development. 1 lb., 10c; 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.00.

ATTALIDE or CALCIUM CHLORATE. Kills Poison Ivy and all vegetation to which it is applied. Lb., 20c; \$15.00 per 100.

ALUMINUM SULPHATE. The proper fertilizer for Rhododendrons or Azaleas. Creates the necessary acid condition of the soil. 1 lb., 20c; 5 lbs., 65c; 10 lbs., \$1.00.

BONE MEAL. A good all-around fertilizer, especially good around Roses and other flowers. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

GARDEN AND LAWN FERTILIZER. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

LIME (Hydrated). For lawn and field use where the ground has become sour. 50 lbs., \$1.00; 100 lbs., \$2.00.

MURIATE OF POTASH. Good for root crops. 25 lbs., \$1.85; 100 lbs., \$4.50.

NITRATE OF SODA. Supplies nitrogen to soil; very active. Should be applied with a filler or as a liquid. 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$4.50.

PEAT MOSS. A moisture retaining humus. Good for breaking up hard clay soils and to prevent hard top crust ing. Bushel size, 50c; 3-bushel size, \$1.00; large bales, \$3.00, about 150 pounds.

PULVERIZED SHEEP MANURE. Useful for lawns, vegetable gardens, flowers, shrubs and trees. Will not burn foliage. 50-lb. bag, \$1.50; 100-lb. bag, \$2.50.

FLOWER POTS

Measure across top. Saucers one-half price of pots.

F. O. B. Our Store.
POTS ONLY.

Size	Each	Doz.
2 1/2 in.	\$0.03	\$0.25
3 in. ....	.04	.35
4 in. ....	.05	.50
5 in. ....	.10	.75
6 in. ....	.15	1.25
7 in. ....	.20	2.00
8 in. ....	.30	2.75
9 in. ....	.40	4.00
10 in. ....	.60	6.00
12 in.	1.00	10.00



Prices on all items listed on this page F. O. B. our store.

PERFECTION DOG FOOD



Is a well balanced ration, consisting of Corn Flakes, Cream of Wheat, Grapenuts and other cereal foods—combined with clean dried meats, not scraps or waste. The cooked, prepared, and balanced meat-cereal food for your hunting dog; for dogs of all breeds, puppies of all ages. It's not only a food, it's also a "tonic" and will prevent skin disease. It gives your dog the "Hunting Spirit—Full of Pep."

5-lb. bag	\$0.40
10-lb. bag .....	.70
25-lb. bag	1.50

50-lb. bag	\$2.75
100-lb. bag	5.50

F. O. B. Our Store.

Ask for prices on Perfection Whole Biscuits, Charcoal Biscuits, Cubes (Meat-Cereal Formula), Pellets (Meat-Cereal Formula).



...NEW...

VIGORO

COMPLETE PLANT FOOD

TABLETS

For potted plants and flower boxes. Package of 24.....

10c

HOTKAPS

PROTECT CROPS AND PAY PREMIUM PROFITS

FROST can't hurt



RAIN can't harm




INSECTS can't touch



HOTKAPS eliminate weather and insect damage. These patented wax paper cones form miniature hot houses over each plant, promote sturdy growth and bring crops to maturity 2 to 3 weeks earlier. Thousands of farmers are getting premium prices, making big money every year by using HOTKAPS. Inexpensive to buy. Easy to set out. One man can place 2000 or more per day.

Prices: 1000 for \$10.75; 250 package with Setter and Tamper, \$4.00; 100 package with Setter and Tamper, \$2.75; Hotkap Home Garden package, 50c; Steel Setter, \$1.50; Garden Setter, 50c; Tamper, 25c. Postage extra.

CHRISTMAS and HOLIDAY—STREET and STORE DECORATIONS

The Ozark Mountain Wreathing is manufactured by us in two grades, the medium weighs 12 to 15 lbs. to the coil of 20 yards and the heavy weighs from 25 to 30 lbs. to the coil of 20 yards. This material is harvested by  in the Ozarks woods, brought to our establishment in trucks and wound by machine on wire or cord core.

Springfield's Telegraph Florist. Flowers delivered anywhere; 100% value guaranteed. CITY PHONE 21; Long Distance Private Wire, L. D. 4. Greenhouse and Floral Supplies. MAY WE SERVE AND PLEASE YOU?

SPRINGFIELD SEED CO.'S (STAR BRAND) MEXICAN CHILI POWDER IS PAR EXCELLENT



	Oz.	Lb.
Comino	\$0.10	\$...
Chili Pepper Pods	...	...
Chiline, ground	.10	.30
Mexican Chili Powder Mixture	.10	.40
Chili Petine Pods	.10	.35
Oregano or Mexican Sage	.10	.35
Garden Sage	.10	...
Japanese Pepper	.10	...
Mexican Garlic	.05	.25
Chili Beans	Ask for Price	...
Pepper, Cayenne, Red Hot	.10	.40

CHILI SUPPLIES

STRICTLY FRESH—NEW CROP.

	Oz.	Lb.
Pepper, ground, black, in bulk	.05	.25
Paprika	.10	.40
Caraway	.10	...
Star Anise Seed	.10	.35
Anise Seed	.10	.35
Poppy Seed	.10	...
Celery Seed	.10	...
Coriander Seed	.10	.25
White Mustard Seed	.10	.35
Tumeric, Powdered	.10	.40
Dill Seed	.10	.40
Bay Leaves	.10	.40
Mixed Pickling Spices, special mix	...	.25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.
Recipes for Making Mexican Dishes Sent Free on Application. Not postpaid.

Full Directions, "How to Make Good Chili," Mexican Style, On Every Can.

Containing ground spices, chili pepper, Mexican sage, comino, celery, garlic, etc.

1/4-pound sealed can, metal bottom and top	\$.015
1/2-pound sealed can, metal bottom and top	.25
1-pound sealed can, per lb.	.35
5-pound sealed can, per lb.	.30
10-pound lots, per lb.	.25
25-pound lots, per lb.	.22
50-pound lots, per lb.	.21
100-pound lots, per lb.	.20
240-pound lots (original barrel), lb.	.19
Barbecue Spice, 1/2-lb. can	.25

Not postpaid.

GREENHOUSE GLAZING PUTTY. Ask for prices.

WIRE HANGING BASKETS—FOR FERNS

	Each
8-inch diameter	\$.020
10-inch diameter	.30
12-inch diameter	.40
14-inch diameter	.50

Add 10c each for postage.

Moss for the above baskets, 25c lb., postpaid. It takes 1 to 1 1/2 lbs. per basket.

PEAT MOSS. A moisture retaining humus. Good for breaking up hard clay soils and to prevent hard top crusting. Bushel size, 50c; 3-bushel size, \$1.00; large bales, \$4.00, about 150 lbs.

BIRD SEEDS, ETC.

	Lb.
Mixed Bird Seed	\$.015
Hemp Seed	.15
Canary	.15
Bird Millet (re-cleaned)	.10
Sunflower Seed for Parrots	.10
Cuttle Fish Bone, 2 for 5c	.40
Bird Lettuce	Oz., 15c
Bird Pepper Grass	Oz., 10c
Bird Charcoal	Pkg. \$0.10
Bird Biscuit (Sing Song)	.15
Spratt's Song Restorer	.25
Bird Gravel	.15

Not postpaid.

TREE LABELS—Painted

3 1/2 x 5/8 inches, copper wired	Per 100, 50c	Per M, \$2.35
3-PLY COTTON TWINE	Lb.,	\$0.35

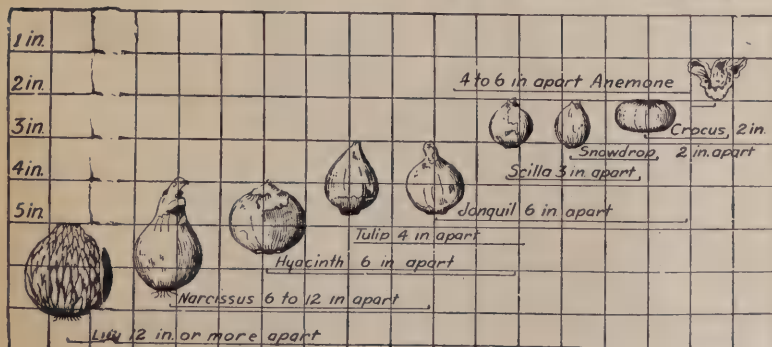
POT or GARDEN LABELS

	Painted
Wooden—	
4-inch	100 \$0.40 1,000 \$1.95
5-inch	.45 2.20
6-inch	.50 2.50
8-inch	.75 3.50
10-inch	1.00 7.50

GREEN BAMBOO CANE STAKES. 3 and 4-ft. sizes, for tying up flowering plants. Ask for prices.

BULBS FOR FALL PLANTING

Autumn 1941



For Flowers, use
VIGORO

DIAGRAM SHOWING DEPTH TO PLANT OUTDOORS.

Since 1893 Springfield Seed Co.'s Bulbs for Fall Planting are known for their high standard of quality.

Bulbs indoors do not require such deep planting as indicated in the diagram, being no danger from freezing and thawing to guard against.

PERFECTION DOG FOOD—Feeds the Champion.

SPRAY CALENDAR—WHEN TO SPRAY, WHAT TO USE

Insect or Disease	Plant Attacked	What to Spray With	First Spraying
Codling Moth	Apple, Pear	Arsenate of Lead	Just before calyx cups close.
San Jose Scale	Apple, Pear	Lime Sulphur	While trees are dormant.
Aphids	Roses and Plants	Black Leaf 40	As soon as insects appear.
Cabbage Worms	Cabbage	Arsenate of Lead	When insects appear.
Scab	Apple and Pear	Lime Sulphur	Just before blossoms open.
Potato Bugs	Potatoes	Arsenate of Lead	When bugs appear.
Leaf Curl	Peach	Lime Sulphur Solution	While trees are dormant.
Mildew	Gooseberry	Potassium Sulphide	Just as buds burst.
Worms	Gooseberry	Slug Shot	When worms appear.
Blotch	Apple	Bordeaux Mixture	Two weeks after petals fall.
Black Rot	Grapes	Bordeaux Mixture	When buds are $\frac{1}{2}$ -inch long.
Brown Rot	Peach and Plum	Magnetic Sulphur	Just before buds open.
Mildew	Roses and Flowering Shrubs	Potassium Sulphide	As soon as infection appears.
Melon and Cucumber Beetle	Melons and Cucumbers	Tobacco Dust	As soon as plants come up.
Moles, Rats, Chinch Bugs		Cyanogas	
Insects	Shrubs and Plants	Slug Shot	When insects appear.

See page 31.

PLANTING GUIDE

WEIGHTS, MEASURES AND AMOUNT OF SEED SOWN PER ACRE.

Weights per bushel differ slightly in different states. These weights are approximately correct both per bushel and per acre.

Lbs. per acre	Lbs. per bu.	Time of Seeding	Lbs. per acre	Lbs. per bu.	Time of Seeding
Alfalfa, broadcast	18-22	60 Feb.-May	Johnson Grass	25-30	25 Apr.-June
Alfalfa, drilled	14-17	60 Feb.-May	Kaffir, drills	12-15	50 May-July
Alfalfa, Grimm	20-25	60 Feb.-May	Kaffir, broadcast	50-60	50 May-July
Atlas Sorgo	8-12	50 May-July	Lawn Grass	60-100	20 Apr.-May
Barley	95-110	48 Apr.-June	Lespedeza	15-20	25 Mar.-May
Beans, in hills	20-35	60 Apr.-June	Millet, German, for hay	20-30	50 Apr.-June
Bermuda Grass	4-6	40 May-June	Millet, German, for seed	25	50 Apr.-June
Black Medic, drills	14-17	60 Feb.-May	Millet, Hog	12-15	50 Apr.-May
Black Medic, broadcast	18-22	60 Feb.-May	Millet, Hungarian, for hay	40	48 Apr.-May
Blue Grass, Ky., pasture	20-30	14 Feb.-May	Millet, Hungarian, for seed	25	48 Apr.-May
Blue Grass, Ky., lawns	60-100	14 Mar.-June	Millet, Japanese	15	35 Apr.-May
Blue Grass, Canada, pasture	14-20	14 Mar.-June	Milo Maize	40-50	50 May-July
Blue Grass, Canada, lawns	60-100	14 Mar.-June	Mung Beans, drills	3-5	60 Apr.-June
Brome Grass, for hay	18-20	14 Mar.-June	Mung Beans, broadcast	15-20	60 Apr.-June
Brome Grass, pasture	20-25	14 Mar.-June	Oats	48-70	32 Mar.-May
Broom Corn	5-8	40 Apr.-June	Oat Grass, Tall	30	14 Mar.-May
Buckwheat	60-70	52 May-June	Onion Plants	40,000-60,000	Mar.-May
Bur Clover	12-15	60 Feb.-May	Onion Set	8 bu.	32 Mar.-May
Canary Grass, Reeds, in rows	2-7	40 Mar.-May	Onion Seed, for sets	40-80 lbs.	32 Mar.-May
Canary Grass, Reeds, br'dcast	7-10	48 Mar.-May	Orchard Grass, hay	21-28	14 Feb.-May
Cane, forage, broadcast	75-100	50 May-July	Orchard Grass, seed	10-14	14 Feb.-May
Cane, seed or syrup	8-10	50 May-July	Peanuts	44	22 Apr.-May
Clover, Alsike	4-8	60 May-June	Pop Corn	8-12	56 Apr.-May
Clover, Alsike and Timothy	15-20	45 Feb.-June	Potatoes	400	60 Mar.-May
Clover, Crimson	12-15	50 Apr.-May	Rape, in drills	4-5	50 Apr.-June
Clover, Hop, alone	4-8	60 Feb.-May	Rape, broadcast	4-8	50 Apr.-June
Clover, Hop, in mixture	2-5	60 Feb.-May	Red Top, solid seed	7-14	14 Feb.-June
Clover, Hubam	20-25	60 Feb.-Apr.	Rye	55-65	56 Apr.-June
Clover, Mam., alone	8-12	60 Feb.-Apr.	Rye, Grass, Italian	40-50	20 Apr.-June
Clover, Red, alone	8-12	60 Feb.-Apr.	Rye, Grass, Perennial	40-50	20 Apr.-June
Clover, Sweet, hulled	18-20	60 Feb.-Apr.	Sagrain	10-12	50 May-July
Clover, Sweet, unhulled	30-40	60 Feb.-May	Soy Beans, drills	30-40	60 May-Aug.
Clover, White	4-8	60 Feb.-May	Soy Beans, broadcast	60-80	60 May-Aug.
Corn	7-14	56 May-June	Soy Beans, Lored, drills	15-20	60 Apr.-July
Corn, Silage	30-35	56 May-June	Soy Beans, Lored, br'dcast	30-40	60 Apr.-July
Cow Peas, broadcast	60-75	60 May-June	Speltz or Emmer	30-40	40 Apr.-May
Cow Peas, drilled	15-20	60 May-July	Sudan, drills	6-8	40 Apr.-June
Canada Field Peas, br'dcast	60-75	60 May-Aug.	Sudan, broadcast	20-25	40 May-July
Canada Field Peas, with oats	30-45	60 Apr.-May	Sunflower	20	28 May-July
Dallas Grass	10-15	25 Feb.-Apr.	Sweet Corn, drills for fodder	75	46 May-June
Darso	40-50	50 May-July	Sweet Corn, broadcast	150	46 May-June
Fescue, Meadow	20-30	24 Feb.-Apr.	Timothy	7-12	45 Apr.-June
Fescue, other varieties	28-35	14 Apr.-June	Timothy and Clover	4	45 Apr.-June
Feterita	40-50	50 May-July	Timothy and Clover; Clover	4	45 Apr.-June
Flax, for seed	35-45	56 May-June	Tobacco, 1 oz. to 5,000 plants	60	60 Feb.-Mar.
Grohoma	40-50	50 May-July	Vetch, Hairy, drilled	90	60 Fall
Hegari, drills	15-18	50 May-July	Vetch, Hairy, broadcast	90	60 Spring
Hegari, broadcast	50-60	50 May-July	Vetch, Spring	80	60 Spring

Springfield Seed Company gives no warranty, expressed or implied, as to description, quality, productiveness or any other matter, of any seeds, bulbs or plants they send out and will not be responsible for the crop.

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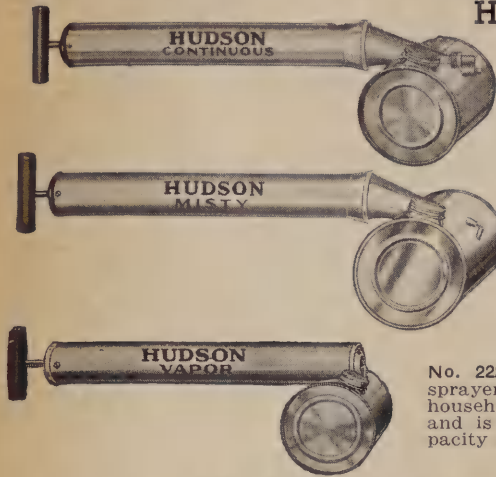
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HAND SPRAYERS



No. 432—HUDSON Continuous. Handles all solutions which are sediment free, such as disinfectants, deodorants, insecticides, etc. Fitted with double nozzle to spray ahead or up. Capacity, about 1 quart. Price 75c.

No. 452—HUDSON Misty. The Misty is a universal favorite for use about the house, yard, backyard garden, poultry house, etc. Sturdy construction. Capacity about 1 quart. Price 40c.

No. 222—HUDSON Vapor. A small sprayer at moderate cost. Adapted for household use. It is substantially built and is air tested and inspected. Capacity about ¾ pint. Price 25c.

COMPRESSED AIR SPRAYERS



No. 191G—HUDSON Booster Sprayer. (3¼-gal.) "FUNNEL TOP." The Booster offers the greatest possible value in a compressed air sprayer at a minimum price. Built of first quality material. Prime galvanized tank, seamless brass tubing, Saf-T-Kam lock top, brass shut-off valve, 18-inch brass extension rod, brass nozzle, and other features. Each sprayer individually tested and inspected. May be used for all work for which compressed air sprayers are adapted.

No. 191G, BOOSTER, Galvanized.....\$3.25
No. 235G—HUDSON Climax Sprayer. (3¼-gal.)

"OPEN TOP." The Climax embodies in its construction strength, safety, ease of operation, complete accessibility and efficient operation. Used for all classes of work in the truck garden, orchard, vineyard, poultry house, dairy barn, hog pen, about the house, yard, etc. Handles whitewash, cold-water paints, insecticides, fungicides, etc., most efficiently. Comes in Galvanized and Copper tanks. Copper is recommended when corrosive solutions are to be used.

No. 235G—CLIMAX, Galvanized.....\$5.00
No. 235B—CLIMAX, Copper 9.00

HAND DUSTERS



No. 660—HUDSON Signal Duster. Handles all insecticides in powder form very efficiently. Used for small garden work. Price 30c.



No. 664—HUDSON Adjutant Duster. Ample power and capacity for garden and field, in the poultry house, etc. Handles all types of dry powdered insecticides efficiently. Price 50c.

ACME STOP—A sticky barrier used to band trees, shrubs and vines to prevent insects from crawling up to the foliage. Its principal use is on shade trees, apple trees, as well as grape vines. 5 oz., 35c; 1 lb., 65c. Postpaid, 45c and 75c.



PESTROY BORDEAUX ARSENATE—An all-around spray for the home orchard and garden. Controls chewing insects and plant diseases. Recommended for potatoes, beans and all garden crops, and is an excellent spray for flowers.

1-lb. carton, 35c.

Springfield Seed Company's Commercial Sulphur Tobacco Dust

"TRIANGLE BRAND"

99½% PURE

For Medical Purposes, as well as for the control of pests and fungi in Horticulture and Agriculture and for the control of external parasites on poultry, such as lice, mites, fleas, ticks and soil sulfurization in poultry pens.

1-lb. bag.....10c	10-lb. bag.....50c
3-lb. bag.....25c	25-lb. bag.....\$1.00
100-lb. bag.....\$2.75	
f. o. b. our warehouse.	
5 bag lots 10c per bag less	
(Packed in 100-pound bags)	

A well known product on the market "USED THE YEAR ROUND" for poultry feeding and worm eradication, for horticultural and agricultural purposes.

SPRINGFIELD SEED COMPANY'S TOBACCO DUST

Contains the right amount of Nicotine, and is an eradicator of poultry ills. For poultry feeding mix 2 pounds of Springfield Seed Company's Tobacco Dust with each 100 pounds of feed or mash.

1-lb. bag.....10c	10-lb. bag.....50c
3-lb. bag.....25c	25-lb. bag.....\$1.00
\$2.50 per 100 lbs., f. o. b. our warehouse.	
5 bag lots, 5c per bag less	
(Packed in 100-lb. paper lined bags.)	

Mike Wettable Sulphur

A trade name for the New Microscopic extra fine prepared sulphur. Mixes readily with water in combination with Lime, Arsenate of Lead, etc. Mike Sulphur is one of the finest and best materials of its kind, as it really stays in suspension and therefore gives the needed results.

4-lb. pkg., 50c.

Superfine Sulphur

325 Mesh. For dusting red spider, mildew on roses:
1 lb., 10c; 3 lbs., 25c; 10 lbs., 70c.

Spraying Guide for Fruit

CROPS	INSECTS AND DISEASES	MATERIALS	DILUTIONS		TIME TO SPRAY
			One Gal. of Water	50 Gals. of Water	
PEACH PLUM CHERRY APRICOT	Scale, Insects and Leaf Curl	Lime-Sulphur Sol. Oil Emulsion or Dry Lime-Sulphur	1 pint ¼ pint 18-20 teaspoonsful	5-7 gallons 2 gallons 12-15 pounds	Before the buds swell. Add Bordeaux to Oil Emulsion to prevent leaf curl.
	Shot Hole or Fungi	Zinc Sulphate	1 teaspoonful	2 pounds	Combine with petal fall and later sprays.
	Curculio	Arsenate of Lead	2 teaspoonsful	¾ to 1 pound	Use in combination with Dritomic Sulphur on petal fall, shuck and cover sprays.
	Scab and Brown Rot	Dry Mix, Dritomic Sulphur	12-20 teaspoonsful 8 teaspoonsful	8-10 pounds 2 ½ pounds	1. When most of shucks are off. 2. Two weeks after shucks have dropped. 3. Four weeks before picking if necessary.
	Borers	Paradichlorbenzene Ethylene Dichloride Emulsion	1 oz. 2 in. from trunk of tree Sprinkled around trunk of tree		In the fall or spring. In the fall or spring.
APPLE PEAR	Scale Insects and Blister Mites	Lime-Sulphur Sol. Dry Lime-Sulphur	1 pint 18-20 teaspoonsful	5-7 gallons 12-15 pounds	Dormant and delayed dormant. When buds begin to swell.
	Psylla, Slugs, Scab and Codling Moth	Bordeaux Mixture or Dry Lime-Sulphur or Lime-Sulphur Sol. with Arsenate of Lead	12-16 teaspoonsful 5-6 teaspoonsful 1/5 pint 3-8 teaspoonsful	6-8 pounds 3-4 pounds 1 ¼ -1 ½ gallons 1-1 ½ pounds	1. Cluster or pink stage. 2. Calyx or petal fall. 3. Two weeks after petals fall.
	Later Codling Moth For Blight at full blossom Blotch	Arsenate of Lead Bordeaux Dritomic Sulphur	3-8 teaspoonsful 12-16 teaspoonsful 3 teaspoonsful	1-1 ½ pounds 8 pounds 1 pound	Eight to ten weeks after petals fall and often necessary to keep fruit covered with Arsenate of Lead, and a fungicide.
	Aphids (Plant Lice)	Black Leaf 40	1 teaspoonful	½ pint	Combine with other spray and apply when Aphids appear.
	Chewing Insects Black Rot-Mildew	Arsenate of Lead Bordeaux Mixture	2 teaspoonsful 12-16 teaspoonsful	1-1 ½ pounds 6-8 pounds	1. After the blossoms fall. 2. Ten days to two weeks later.
GRAPE	Leaf Hopper	Black Leaf 40	1 teaspoonful	½ pint	Apply when first nymphs of the Hopper acquire wings.
	Rose - Scale, Cane-Blight, Leaf-Spot and Anthracnose	Dry Lime-Sulphur	9 level tablespoonsful	12 pounds	In spring before growth starts.
BLACKBERRY DEWBERRY RASPBERRY	Anthracnose	Dry Lime-Sulphur	2 ½ level tablespoonsful	5 pounds	Just before the bloom.
STRAWBERRY	Leaf-Spot, Flea Beetle and Leaf-Roller	Pestroy	7 level tablespoonsful	7 pounds	1 Before the blossoms open. 2 As soon as the fruit has been picked.

For Efficient and Easy Application Use a Hudson Sprayer. See Page 35.

Fertilizing Guide for Fruit

USING GRANULAR "AERO" CYANAMID

CROP	HOW AND WHEN TO APPLY	RATE
PEACH PLUM CHERRY APRICOT	Broadcast evenly under and 3 feet or more beyond spread of limbs in fall, (winter in warmer climates), or very early spring at least a month before blooming. Avoid common practice of doubling application on replant, weak, or diseased trees. On sandy and gravelly soils, fall or winter application only is recommended. Do not apply Cyanamid to newly-set trees before end of first growing season.	Fall or early spring after first growing season—2 oz.; 2 yr.—4 oz.; 3 yr.—8 oz.; 4 yr.—1 lb.; 5 yr. and older—¼ lb. per year of age up to 2 to 3 lbs. per tree. On sandy and gravelly soils apply broadcast over entire area at rate of 200 to 250 lbs. per acre.
APPLE PEAR	Broadcast evenly under and 3 feet or more beyond spread of limbs in fall, (winter in warmer climates), or early spring several weeks before blooming. For sandy and gravelly soils, fall or winter application is recommended. Do not apply Cyanamid to newly-set trees before end of first growing season.	Fall or early spring after first growing season—2 oz.; 2 yr.—4 oz.; 3 yr.—8 oz.; 4 yr.—1 lb.; 5 yr. and older—¼ lb. per year of age up to 8 lbs. per tree, basis 54 trees per acre. If planted closer than 20 by 40 feet, broadcast 400 lbs. per acre over entire area (300 lbs. per acre on sandy and gravelly soils).
GRAPE	Broadcast evenly over entire area in late fall, or early spring two weeks or more before blooming.	200 lbs. per acre
BLACKBERRY DEWBERRY RASPBERRY	Apply side-dresser, 12 to 18 inches to side of row, or broadcast evenly in middles in fall, or early spring a month or more before blooming. Avoid letting material fall into crowns.	1 to 1 ½ lbs. per 100 feet of row, or 150 to 200 lbs. per acre.
STRAWBERRY	New plantings: Broadcast before or after plowing. Old plantings: Side-dress in late fall or early spring. Top-dress down middles before plowing in.	300 lbs. per acre. 100 lbs. per acre. 300 lbs. per acre.

We List Many Good Fertilizers for Various Crops and Plants. See Page 35.

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We can send seed by parcel post up to 70 lbs. in all zones. See parcel post rates on other side.

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or flower seed.

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Second Zone—Within 50 to 150 miles of Springfield.....	8c	2c
Third Zone—Within 150 to 300 miles.....	9c	2c
Fourth Zone—Within 300 to 600 miles.....	10c	4c
Fifth Zone—Within 600 to 1000 miles.....	11c	6c
Sixth Zone—Within 1000 to 1400 miles.....	12c	7c
Seventh Zone—Within 1400 to 1800 miles.....	14c	9c
Eighth Zone—All over 1800 miles.....	15c	11c

First Zone—Springfield or 50 miles thereof.....	8c	2c
Second Zone—Within 50 to 150 miles of Springfield.....	8c	2c
Third Zone—Within 150 to 300 miles.....	9c	2c
Fourth Zone—Within 300 to 600 miles.....	10c	4c
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Sixth Zone—Within 1000 to 1400 miles.....	12c	7c
Seventh Zone—Within 1400 to 1800 miles.....	14c	9c
Eighth Zone—All over 1800 miles.....	15c	11c

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NOTICE—If you will send us six names of your neighbors or friends who might be interested in our catalog, we will send you FREE, two packets (5c size) of garden seeds. Must be accompanied by order.

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Date	Bbls.	Weight
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Pkgs.	Boxes	

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DUSTS

Acme Rotenone Garden Guard



Combats both sucking and chewing insects. The killing ingredient in Rotenone paralyzes the insect, causing it to immediately stop feeding. Effective both by contact and as a stomach poison. Contains no arsenic or fluorine compounds. Especially recommended on broccoli, cabbage, cauliflower, Brussels sprouts, string beans, currants, gooseberries, as well as a favorite of the housewife for dusting roses and flower gardens. The 1-pound package contains 1% Rotenone, commercial size $\frac{3}{4}$ of 1%. Kills lice, fleas and mites on dogs, cats and chickens. The only insecticide on the American market being broadcast on a coast-to-coast national hook-up.

1-lb. carton, 35c; 4-lb. bags, 55c; 25-lb. bags, \$3.20; 100-lb. bags, \$12.00.

Acme Aphis Spray

An improved nicotine spray combining a soft fish oil soap with Black Leaf 40, suitable for the control of all kinds of aphids (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with any kind of water. Complete directions found with every package.

3-oz. collapsible tube, 35c; 12-oz. collapsible tube, 95c; 2½-lb. can, \$2.25.

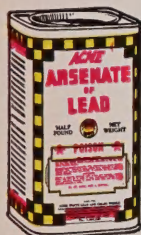


Acme Arsenate of Lead

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray.

½-lb. package, 20c; 1-lb. package, 30c; 4-lb. bag, 65c.

—Ask for Quantity Price—



Acme Bordeaux Mixture

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture.

1-lb. carton, 30c; 4-lb. bag, 65c.

—Ask for Quantity Price—



Acme Lime-Sulfur

A standard 33° Beaume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.

1 lb., 35c; 5 lbs., \$1.45; 25 lbs., \$4.00.

—Ask for Quantity Price—

Acme Bait-M

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn.

For use against snails, slugs, cutworms, earwigs, sow bugs, grasshoppers and many other insects which migrate along the ground.

1½ lbs., 35c; 4 lbs., 85c; 15 lbs., \$2.75.



Acme Wettable Dusting Sulphur

(An Excellent Chigger Chaser)

An improved dusting sulphur for home use which can also be used as a liquid spray. Recommended to control mildew, leaf spot, black spot and rust on rose bushes, chrysanthemums, snapdragons, carnations and certain other foliage; also red spiders on evergreens. 98% passes through 325 mesh screen.

2-pound carton, 25c.

Acme Red River Potato Mix

A scientific development combining a new patented copper fungicide with quick-killing arsenic. Kills potato bugs quicker, drives off flea beetle and leaf hopper, prevents blight from gaining a foothold, stimulates foliage, making more and better potatoes. Complete control in one operation—at one cost. Use as a dust or spray.

1-lb. bag, 30c; 4-lb. bag, 85c.

—Ask for Quantity Price—



Acme Paris Green

A rich, emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on potatoes, cotton, tobacco, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

¼ lb., 18c; 1 lb., 50c; 5 lbs., \$2.25; 14 lbs., \$5.00.

Acme Emo-Nik

Most yards contain shrubbery and foliage that are more affected by scale, red spider, and certain other troublesome pests than they are by aphids. Here is a complete contact insect spray combining nicotine in its most active form with Emo, a summer oil emulsion of the highest quality. Recommended for control of aphids, mealy bugs, red spider, thrip, white flies, rust mites, mildew, certain scale insects and certain other garden pests.

4½-oz. can, 35c; pint can, 65c; quart can, 95c; gallon can, \$2.50.



Acme Ant-Kill

Rid your home and premises of the embarrassing and health injuring ant nuisance, kill the ants in the nests. Ant-Kill syrup is sold in connection with the only safety cup on the market—fully covered by U. S. patent—no tipping over when anchoring device is in place. Safe around children, birds, dogs and other valuable pets.

Junior Sets, 35c each; Cottage Sets, 60c each; Service Cups, 10c each.

2-oz. bottle, 20c each; 3-oz. bottle, 25c each; ½-pint bottle, 50c each; pint bottle, 75c each.



Acme Weed Killer

A powerful quick-acting arsenical weed killer for destroying weeds and all plant life on driveways, tennis courts, paths, etc. More widely used, however, in spotting out dandelion, plantain and other noxious weeds in the lawn by applying a few drops of undiluted Weed Killer to the crown of the plant, using a dauber offered free with every package.

Pint can, 35c; quart can, 50c; gallon can, \$1.50.

—Ask for Quantity Price—



STAR BRAND SEEDS



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DETROIT DARK RED PERFECT-ED. 54 days. Globe-shaped root, dark blood-red color, smooth skin. Flesh uniform in color and remains tender and of highest quality until roots are full grown. Pkt., 5c.



PEAS

ALASKA
Very early, smooth, blue Pea. Height 2½ ft. Light green pods, 2½ in. long. Pkt., 10c.



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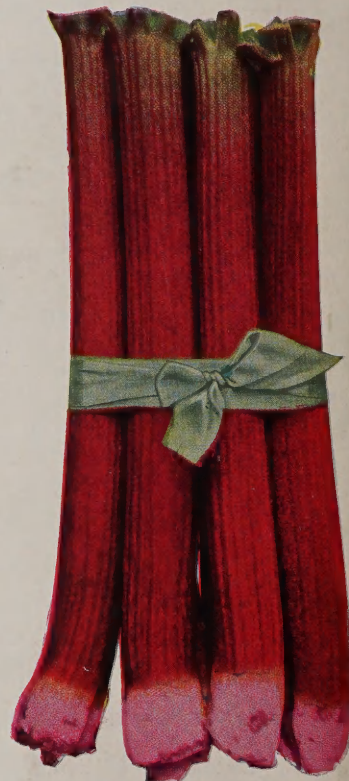
With \$1.00 purchase of our Star Brand Vegetable or Flower Seed, packets only, your selection from this catalog—we will send you one pound of our special STAR BRAND COFFEE (All purpose ground, or state for percolator or drip).

This delicious mountain grown coffee will please you with its fresh, tantalizing deliciousness.

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RHUBARB or PIE PLANT

From roots. Very early.



TOMATO

STAR MARGLOBE

Fruit uniform deep scarlet; large; uniformly globe-shaped; smooth, solid and of finest quality.

Pkt., 10c.



GOLDEN CROSS BANTAM

A wonderful new Sweet Corn. An improvement over Golden Bantam. A week later, but ears are much larger and longer. Produces almost twice the yield. Pkt., 15c; lb., 50c.

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